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The VERTEBRATES of British Columbia

Scientific and English Names

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and
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Province of British Columbia, Canada

ROYAL BRITISH COLUMBIA MUSEUM

Ministry of Municipal Affairs, Recreation and Culture
Hon. Lyall Hanson, Minister

WILDLIFE BRANCH

Ministry of Environment
Hon. John Reynolds, Minister

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PREFACE

For many years the Royal British Columbia Museum has published lists of names for the vertebrates of British Columbia (excluding fishes) for use by biologists throughout the province. In 1985, the Wildlife Habitat Handbook program, in a joint effort by three agencies of the provincial government (Wildlife Branch, Ministry of Environment; Research Branch, Ministry of Forests; and the Royal B.C. Museum) produced lists of taxonomic names and species codes for the amphibians, reptiles, birds and mammals of the province (Campbell and Harcombe 1985). Such lists go out of date quickly; this new initiative updates our knowledge and adds a significant dimension--the fishes of British Columbia. These present lists should fulfil all the purposes of the earlier ones and more. They are intended to reach a wide readership and to stimulate co-operation among those interested in British Columbia's biology. We also hope they will become the accepted standard nomenclature for the province's vertebrates.

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Wildlife Branch

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INTRODUCTION

British Columbia is an ecologically diverse province of about 95 million hectares. As of December 1988, records indicate that the vertebrate fauna comprised 451 fish, 20 amphibians, 19 reptiles, 448 birds and 143 mammals. In fishes, 365 species are marine, about 64 (including undescribed taxa) are freshwater and 22 occur in both fresh and salt water. With the increase in the number of research, management and public programs dealing with vertebrates, a need has evolved for reference lists of vertebrate species names and species codes.

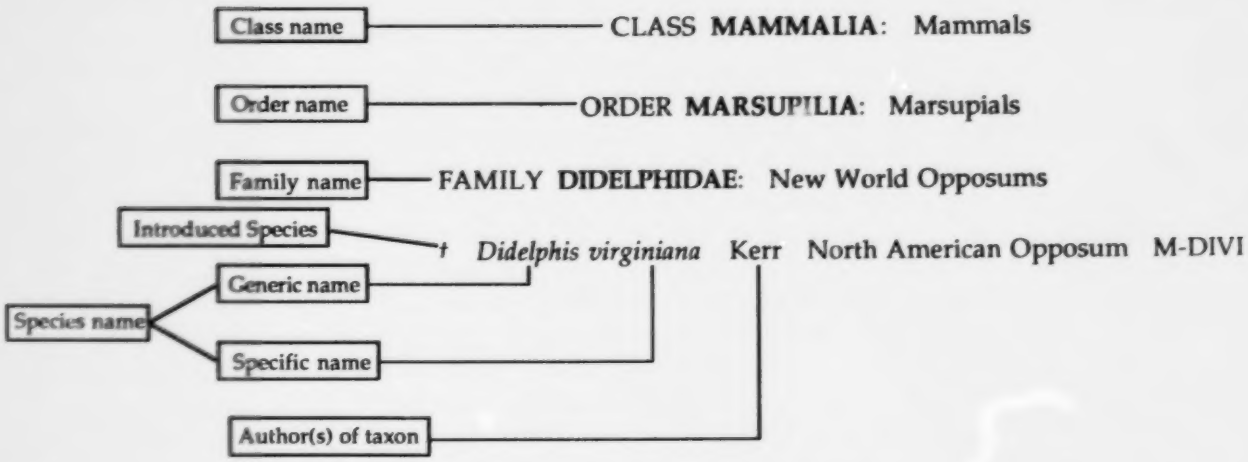
These lists will be the standard for nomenclature in the Royal British Columbia Museum's collections, publications and exhibits. We hope the names will be adopted by other government agencies and biologists in the province.

This publication includes the names of all vertebrate species known to occur, or to have occurred, in the province of British Columbia and the adjacent Pacific Ocean to the 200 mile limit during historical times. No distinction is made between resident and migratory species or between those that occur regularly, casually or accidentally. The occurrence of these species has been documented by specimens, photographs or other acceptable evidence. Species introduced by man are marked †; this includes species introduced directly into British Columbia and those that entered the province from introductions elsewhere in North America. Names for selected domestic species are listed separately. Taxonomy, the naming and classifying of organisms, is a dynamic science -- names will change. The compilation of species lists is also a dynamic process; these lists will be revised to incorporate new records and taxonomic changes.

We give the scientific names and English names of taxa (class, order, family and species). English (common) names may vary regionally and among authors. Moreover, many species have names in languages other than English and some species lack generally accepted English names. In an attempt to establish standard English names for the province's vertebrates, we provide a single common name for each species. Nonetheless, the reader should be aware that the "common" names for some groups and species (e.g. in fish) are contrived and are rarely used. It should be recognized that specialists in different disciplines use different standards. For example, by convention, English names for birds are capitalized (American Ornithologists' Union 1983), but names for fish are written in lower case (Robins et al. 1980; Jean, Peden and McAllister 1981).

These lists indicate biological relationships among species and higher categories. The categories listed here are Class, Order, Family and Genus (see page 2).

Elements of a typical portion of the taxonomic lists.



ORDER **INSECTIVORA** : Insectivores

FAMILY **SORICIDAE** : Shrews

Sorex arcticus Kerr Black-backed Shrew M-SOAR

Sorex bendirii (Mirriam) Pacific Water Shrew M-SOBE

Parentheses indicate that the species was named originally in another genus but that subsequent taxonomic revision has placed it in the listed genus

English Name

Species code consisting of class code plus four letters derived from either scientific name (fish, reptiles, amphibians, mammals) or from English names (birds)

Classifications may vary from author to author, but we have followed the treatments of major references applicable to North America and British Columbia. These works are noted in the preamble to each list.

For each species the scientific species name and its author are given (e.g. *Canis lupus* Linnaeus). For the genus (e.g. *Canis*) the first letter is always capitalized; in the specific name (e.g. *lupus*) the first letter is always lower case. Both names are italicized. The author (e.g. Linnaeus) is the person who first described the species. The author's name is not italicized. If the species was named originally in another genus, the author's name is in parenthesis. There can be more than one author.

Species codes for species names have been developed to facilitate quick and orderly record-keeping in files of bird records in the Royal British Columbia Museum. The system has been widely adopted in the province, mostly by naturalists as a convenience in field recording. Recent developments in computerized databases have stimulated the use of such species codes for other groups of vertebrates.

Species codes were derived from scientific names for all groups except birds, for which the accepted English names (American Ornithologists' Union 1983) were used. Each species code consists of five upper case letters. The first letter of the code designates the major vertebrate group: marine and freshwater fishes (F), amphibians (A), reptiles (R), birds (B) and mammals (M). It is separated with a hyphen (-) from the other four letters of the species code. Rules for developing the remainder of the species code were the same for all vertebrate groups except birds.

1) Fish, Amphibians, Reptiles and Mammals.
From scientific names the first two letters of the *genus* and first two letters of the *species* were combined (e.g. *Ambystoma tigrinum* = A-AMTI; *Aplodontia rufa* = M-APRU).

2) Birds.
Rules were modified from Klimkiewicz and Robbins (1978) to suit British Columbia species as follows:

a) If the common name is a single word the first four letters were used (e.g. Bufflehead = B-BUFF; Bushtit = B-BUSH).

b) If the common name consists of two words, the first two letters of the first word were combined with the first two letters of the second word (e.g. Common Loon = B-COLO: Solitary Vireo = B-SOVI).

c) If the common name consists of three words (with or without hyphens), the first letter of the first word was combined with the first letter of the second word and the first *two* letters of the third word (e.g. Pied-billed Grebe = B-PBGR; Great Gray Owl = B-GGOW).

d) If the common name consists of four words (with or without hyphens), the first letter of each word was used (e.g. Black-crowned Night-Heron = B-BCNH; Black-and-white Warbler = B-BAWW.

Occasionally, because of duplications in species codes (e.g. B-TRSW would equal both Tree Swallow and Trumpeter Swan), some had to be altered. These are listed in Deviations from the Standard Code (p. 105).

MARINE FISHES

Alex E. Peden

This includes 387 species of marine fishes known to have occurred in British Columbia waters (200 mile fishery zone) prior to January 1989. Of these, 22 occur in both fresh and salt water and are listed on both the marine and freshwater fish lists. Names and classification follow Jean, Peden et al. (1981), who in turn follow Nelson (1976, 1984). Taxonomic categories above the level of genus are grouped phylogenetically; genera and species are arranged alphabetically within each family.

CLASS **CYCLOSTOMATA**: Jawless Fishes

ORDER : **MYXINIFORMES**

FAMILY **MYXINIDAE**: Hagfishes		
Eptatretus deani (Evermann and Goldsborough)	Black Hagfish	F-EPDE
Eptatretus stouti (Lockington)	Pacific Hagfish	F-EPST

ORDER: **PETROMYZONIFORMES**

FAMILY **PETROMYZONIDAE**: Lampreys		
Lampetra ayresi (Gunther)	River Lamprey	F-LAAY
Lampetra tridentata (Gairdner)	Pacific Lamprey	F-LATR

CLASS **CHONDRICHTHYS** : Cartilaginous Fishes

ORDER **HEXANCHIFORMES** : Sixgill and Sevengill Sharks

FAMILY **HEXANCHIDAE**: Cow Sharks		
Hexanchus griseus (Bonnaterre)	Sixgill Shark	F-HEGR
Notorynchus maculatus Ayres	Sevengill Shark	F-NOMA

ORDER **LAMNIFORMES**: Lamniform Sharks

FAMILY **ALOPIIDAE**: Thresher Sharks		
Alopias vulpinus (Bonnaterre)	Thresher Shark	F-ALVU
FAMILY **LAMNIDAE**: Mackerel Sharks		
Carcharodon carcharius (Linnaeus)	Great White Shark	F-CACA
Lamna ditropis Hubbs and Follett	Salmon Shark	F-LADI
FAMILY **CETORHINIDAE**: Basking Sharks		
Cetorhinus maximums(Gunnerus)	Basking Shark	F-CEMA
FAMILY **SCYLIORHINIDAE**: Cat Sharks		
Apristurus brunneus (Gilbert)	Brown Cat Shark	F-APBR

FAMILY CARCHARHINIDAE: Requiem Sharks		
Galeorhinus zyopterus Jordan and Gilbert	Soupfin Shark	F-GAZY
Prionace glauca (Linnaeus)	Blue Shark	F-PRGL
ORDER SQUALIFORMES: Dogfishes and Sleeper Sharks		
FAMILY SQUALIDAE: Dogfish Sharks		
Squalus acanthias Linnaeus	Spiny Dogfish	F-SQAC
FAMILY DALATIIDAE: Sleeper Sharks		
Somniosus pacificus Bigelow and Schroeder	Pacific Sleeper Shark	F-SOPA
ORDER RAJIFORMES: Skates and Rays		
FAMILY TORPEDINIDAE: Electric Rays		
Torpedo californica Ayres	Pacific Electric Ray	F-TOCA
FAMILY RAJIDAE: Skates		
Bathyraja abyssicola (Gilbert)	Deepsea Skate	F-BAAB
Bathyraja interrupta (Gill and Townsend)	Sandpaper Skate	F-BAIN
Bathyraja trachura (Gilbert)	Roughtail Skate	F-BATR
Raja badia Garman	Broad Skate	F-RABA
Raja binoculata Girard	Big Skate	F-RABI
Raja rhina Jordan and Gilbert	Longnose Skate	F-RARH
Raja stellulata Jordan and Gilbert	Starry Skate	F-RAST
FAMILY DASYATIDIDAE: Stingrays		
Dasyatis violacea (Bonaparte)	Pelagic Stingray	F-DAVI
ORDER : CHIMAEIFORMES		
FAMILY CHIMAERIDAE: Chimaeras		
Hydrolagus colliei (Lay and Bennett)	Spotted Ratfish	F-HYCO
CLASS OSTEICHTHYES: Bony Fishes		
ORDER : ACIPENSERIFORMES		
FAMILY ACIPENSERIDAE: Sturgeons		
Acipenser medirostris Ayres	Green Sturgeon	F-ACME
Acipenser transmontanus Richardson	White Sturgeon	F-ACTR
ORDER CLUPEIFORMES: Herrings		
FAMILY CLUPEIDAE: Herrings		
Alosa sapidissima (Wilson)	American Shad	F-ALSA
Clupea harengus Linnaeus	Pacific Herring	F-CLHA
Sardinops sagax (Jenyns)	Pacific Sardine	F-SASG
FAMILY ENGRAULIDIDAE: Anchovies		
Engraulis mordax Girard	Northern Anchovy	F-ENMO
ORDER ANGUILLIFORMES: Eels		
FAMILY MURAENESOCIDAE: Pike Congers		
Xenomystax atrarius Gilbert	Twinpored Eel	F-XEAT

FAMILY SERRIVOMERIDAE: Sawpalates		
Serrivomer jesperseni Bauchot-Boutin	Crossthroat Sawpalate	F-SEJE
FAMILY NEMICHTHYIDAE: Snipe Eels		
Avocettina infans (Gunther)	Close-spine Snipe Eel	F-AVIN
Nemichthys scolopaceus Richardson	Slender Snipe Eel	F-NESC
ORDER NOTACANTHIFORMES: Halosaurs and Spiny Eels		
FAMILY NOTACANTHIDAE: Spiny Eels		
Polyacanthonotus challengeri (Vaillant)	Longnose Tapirfish	F-POCH
ORDER SALMONIFORMES: Salmoniform Fishes		
FAMILY SALMONIDAE: Salmons and Trouts		
Oncorhynchus gorbuscha (Walbaum)	Pink Salmon	F-ONGO
Oncorhynchus keta (Walbaum	Chum Salmon	F-ONKE
Oncorhynchus kisutch (Walbaum)	Coho Salmon	F-ONKI
Oncorhynchus nerka (Walbaum)	Sockeye Salmon	F-ONNE
Oncorhynchus tshawytscha (Walbaum)	Chinook Salmon	F-ONTS
Salmo clarki[1] Richardson	Cutthroat Trout	F-SACL
Salmo gairdneri[2] Richardson	Rainbow Trout	F-SAGA
†*Salmo salar* Linnaeus	Atlantic Salmon	F-SASA
†*Salmo trutta* Linneaus	Brown Trout	F-SATR
Salvelinus malma (Walbaum)	Dolly Varden	F-SAMA
FAMILY OSMERIDAE: Smelts		
Allosmerus elongatus (Ayres)	Whitebait Smelt	F-ALEL
Hypomesus pretiosus (Girard)	Surf Smelt	F-HYPR
Mallotus villosus (Muller)	Capelin	F-MAVI
Osmerus mordax (Mitchill)	Rainbow Smelt	F-OSMO
Spirinchus starksi (Fisk)	Night Smelt	F-SPST
Spirinchus thaleichthys (Ayres)	Longfin Smelt	F-SPTH
Thaleichthys pacificus (Richardson)	Eulachon	F-THPA
FAMILY ARGENTINIDAE: Argentines		
Nansenia candida Cohen	Bluethroat Argentine	F-NACA
FAMILY BATHYLAGIDAE: Deepsea Smelts		
Bathylagus milleri Jordan and Gilbert	Stout Blacksmelt	F-BAMI
Bathylagus ochotensis Schmidt	Popeye Blacksmelt	F-BAOC
Bathylagus pacificus Gilbert	Slender Blacksmelt	F–BAPA
Bathylagus schmidti (Rass)	Northern Smoothtongue	F-BASC
Bathylagus stilbius Gilbert	American Smoothtongue	F-BAST
FAMILY OPISTHOPROCTIDAE: Spookfishes		
Bathylychnops exilis Cohen	Javelin Spookfish	F-BAEX
Macropinna microstoma Chapman	Barreleye	F-MAMI
FAMILY ALEPOCEPHALIDAE: Slickheads		
Talismania bifurcata (Parr)	Threadfin Slickhead	F-TABI

[1]There is a new trend in taxonomic literature to synonimize this name with *Salmo mykiss* of Asia.

[2]Recent literature lumps *Salmo* into *Parasalmo*.

FAMILY PLATYTROCTIDAE: Tubeshoulders		
Holtbyrnia latifrons Sazonov	Teardrop Tubeshoulder	F-HOLA
Maulisia argipalla Matsui and Rosenblatt	Pitted Tubeshoulder	F-MAAR
Sagamichthys abei Parr	Shining Tubeshoulder	F-SAAB
ORDER STOMIIFORMES: Stomiiform Fishes		
FAMILY GONOSTOMATIDAE: Bristlemouths		
Cyclothone pacifica Mukhacheva	Yellow Bristlemouth	F-CYPA
Cyclothone pallida Brauer	Tan Bristlemouth	F-CYPL
Cyclothone pseudopallida Mukhacheva	Phantom Bristlemouth	F-CYPS
Cyclothone signata Garman	Showy Bristlemouth	F-CYSI
FAMILY PHOTICHTHYIDAE: Lightfishes		
Ichthyococcus elongatus Imai	Slim Lightfish	F-ICEL
FAMILY STERNOPTYCHIDAE: Silvery Hatchetfishes		
Argyropelecus lychnus Garman	Silvery Hatchetfish	F-ARLY
Danaphos oculatus (Garman)	Bottlelight	F-DAOC
Sternoptyx pseudobscura Baird	Highlight Hatchetfish	F-STPS
FAMILY CHAULIODONTIDAE: ViperFishes		
Chauliodus macouni Bean	Pacific Viperfish	F-CHMA
FAMILY MELANOSTOMIIDAE: Scaleless Dragonfishes		
Bathophilus flemingi Aron and McCrery	Highfin Dragonfish	F-BAFL
Opostomias mitsuii Imai	Pitgum Dragonfish	F-OPMI
Tactostoma macropus Bolin	Longfin Dragonfish	F-TAMA
FAMILY MALACOSTEIDAE: Loosejaws		
Aristostomias scintillans (Gilbert)	Shining Loosejaw	F-ARSC
ORDER MYCTOPHIFORMES: Myctophiform Fishes		
FAMILY SYNODONTIDAE: Lizard Fishes		
Synodus lucioceps (Ayres)	Smallscale Lizardfish	F-SYLU
FAMILY NOTOSUDIDAE: Waryfishes		
Scopelosaurus harryi Mead	Scaly Waryfish	F-SCHA
FAMILY NEOSCOPELIDAE: Blackchins		
Neoscopelus macrolepidotus Johnson	Glowingfish	F-NEMA
FAMILY MYCTOPHIDAE: Lanternfishes		
Ceratoscopelus townsendi Eigenmann and Eigenmann	Dogtooth Lanternfish	F-CETO
Diaphus theta Eigenmann and Eigenmann	California Headlightfish	F-DITH
Lampanyctus regalis (Gilbert)	Pinpoint Lanternfish	F-LARE
Lampanyctus ritteri Gilbert	Broadfin Lanternfish	F-LARI
Lampedana urophaos Paxton	Taillight Lanternfish	F-LAUR
Notoscopelus japonicus (Tanaka)	Spiny Lanternfish	F-NOJA
Protomyctophum crockeri (Bolin)	Southern Flashlightfish	F-PRCR
Protomyctophum thompsoni (Chapman)	Northern Flashlightfish	F-PRTH
Stenobrachius leucopsarus (Eigenmann & Eigenmann)	Northern Lanternfish	F-STLE
Stenobrachius nannochir (Gilbert)	Garnet Lanternfish	F-STNA
Symbolophorus californiensis (Eigenmann & Eigenmann)	Bigfin Lanternfish	F-SYCA
Tarletonbeania crenularis (Jordan and Gilbert)	Southern Blue Lanternfish	F-TACR
Tarletonbeania taylori Mead	Northern Blue Lanternfish	F-TATA

FAMILY PARALEPIDIDAE: Barracudinas		
Lestidiops ringens (Jordan and Gilbert)	Slender Barracudina	F-LERI
Notolepis rissoi (Bonaparte)	Ribbon Barracudina	F-NORI
Paralepis atlantica Kroyer	Duckbill Barracudina	F-PAAT
FAMILY ALEPISAURIDAE: Lancetfishes		
Alepisaurus ferox Lowe	Longnose Lancetfish	F-ALFE
FAMILY ANOTOPTERIDAE: Daggertooths		
Anotopterus pharao Zugmayer	Daggertooth	F-ANPH
FAMILY SCOPELARCHIDAE: Pearleyes		
Benthalbella dentata (Chapman)	Northern Pearleye	F-BEDE
ORDER GADIFORMES: Gadiform Fishes		
FAMILY MORIDAE: Moras		
Antimora microlepis Bean	Pacific Flatnose	F-ANMI
FAMILY MELANONIDAE: Coalfishes		
Melanonus zugmayeri Norman	Coalfish	F-MEZU
FAMILY GADIDAE: Cods		
Gadus macrocephalus Tilesius	Pacific Cod	F-GAMA
†*Microgadus proximus* Girard	Pacific Tomcod	F-MIPR
Theragra chalcogramma (Pallas)	Walleye Polloc	F-THCH
FAMILY MERLUCCIIDAE: Hakes		
Merluccius productus (Ayres)	Pacific Hake	F-MEPR
FAMILY MACROURIDAE: Grenadiers		
Coryphaenoides acrolepis (Bean)	Roughscale Grenadier	F-COAC
Coryphaenoides armatus (Hector)	Abyssal Grenadier	F-COAM
Coryphaenoides cinereus (Gilbert)	Popeye	F-COCI
Coryphaenoides filifer (Gilbert)	Filamented Grenadier	F-COFI
Coryphaenoides leptolepis Gunther	Ghostly Grenadier	F-COLE
Coryphaenoides pectoralis (Gilbert)	Pectoral Rattail	F-COPE
Nezumia stelgidolepis (Gilbert)	Lamp Grenadier	F-NEST
ORDER OPHIDIIFORMES: Ophidiiform Fishes		
FAMILY BYTHITIDAE: Viviparous Brotulas		
Brosmophycis marginata (Ayres)	Red Brotula	F-BRMA
Spectrunculus grandis (Gunther)	Giant Cuskeel	F-SPGR
ORDER BATRACHOIDIFORMES: Batrachoidiform Fishes		
FAMILY BATRACHOIDIDAE: Toadfishes		
Porichthys notatus Girard	Plainfin Midshipman	F-PONO
ORDER GOBIESOCIFORMES: Gobiesociform Fishes		
FAMILY GOBIESOCIDAE: Clingfishes		
Gobiesox maeandricus (Girard)	Northern Clingfish	F-GOMA
Rimicola muscarum (Meek and Pierson)	Kelp Clingfish	F-RIMU

ORDER LOPHIIFORMES: Angler Fishes

FAMILY ONEIRODIDAE: Dreamers		
Chaenophryne melanorhabdus Regan & Trewavas	Smooth Dreamer	F-CHME
Oneirodes bulbosus Chapman	Bulbous Dreamer	F-ONBU
Oneirodes thompsoni (Schultz)	Spiny Dreamer	F-ONTH

ORDER ATHERINIFORMES: Atheriniform Fishes

FAMILY SCOMBERESOCIDAE: Sauries		
Cololabis saira (Brevoort)	Pacific Saury	F-COSA
FAMILY ATHERINIDAE: Silversides		
Atherinops affinis (Ayres)	Topsmelt	F-ATAF

ORDER BERYCIFORMES: Beryciform Fishes

FAMILY MELAMPHAIDAE: Ridgeheads		
Melamphaes lugubris Gilbert	Highsnout Ridgehead	F-MELU
Poromitra crassiceps (Gunther)	Crested Ridgehead	F-POCR
Scopelogadus mizolepis Gunther	Flabby Ridgehead	F-SCMI

ORDER ZEIFORMES: Zeiform Fishes

FAMILY OREOSOMATIDAE: Oreos		
Allocyttus verrucosus (Gilchrist)	Oreo	F-ALVE

ORDER LAMPRIFORMES: Lampriform Fishes

FAMILY LAMPRIDAE: Opahs		
Lampris guttatus (Brunnich)	Opah	F-LAGU
FAMILY TRACHIPTERIDAE: RibbonFishes		
Trachipterus altivelis Kner	King-of-the-salmon	F-TRAL

ORDER SYNGNATHIFORMES: Syngnathiform Fishes

FAMILY SYNGNATHIDAE: Pipefishes		
Syngnathus leptorhynchus Girard	Bay Pipefish	F-SYLE

ORDER PERCIFORMES: Perciform Fishes

FAMILY PERCICHTHYIDAE: Temparate Basses		
†*Roccus saxatilis*[3] (Walbaum)	Striped Bass	F-ROSA
FAMILY MALACANTHIDAE: Tilefishes		
Caulolatilus princeps (Jenyns)	Ocean Whitefish	F-CAPR
FAMILY ECHENEIDIDAE: Remoras		
Remora australis (Bennett)	Whalesucker	F-REAU
FAMILY CARANGIDAE: Jacks		
Naucrates ductor (Linnaeus)	Pilotfish	F-NADU
Seriola lalandi Valenciennes	Yellowtail	F-SELA
Trachurus symmetricus (Ayres)	Jack Mackerel	F-TRSY

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[3]Recent literature sometimes refers to this species as *Morone satatilis* .

FAMILY SCORPIDIDAE: Halfmoons		
Medialuna californiensis (Steindachner)	Halfmoon	F-MECA
FAMILY BRAMIDAE: Pomfrets		
Brama japonica Hilgendorf	Pacific Pomfret	F-BRJA
Taractes asper Lowe	Rough Pomfet	F-TAAS
FAMILY CARISTIIDAE: Manefishes		
Caristius macropus (Bellotti)	Manefish	F-CAMC
FAMILY SCIAENIDAE: Croakers		
Atractoscion nobilis (Ayres)	White Seabass	F-ATNO
Genyonemus lineatus (Ayres)	White Croaker	F-GELI
Seriphus politus Ayres	Queenfish	F-SEPO
FAMILY PENTACEROTIDAE: Armorheads		
Pentaceros richardsoni Smith	Pelagic Armorhead	F-PERI
FAMILY EMBIOTOCIDAE: Surfperches		
Amphistichus rhodoterus (Agassiz)	Redtail Surfperch	F-AMRH
Brachyistius frenatus Gill	Kelp Perch	F-BRFR
Cymatogaster aggregata Gibbons	Shiner Perch	F-CYAG
Embiotoca lateralis Agassiz	Striped Seaperch	F-EMLA
Hyperprosopon argenteum Gibbons	Walleye Surfperch	F-HYAR
Hyperprosopon ellipticum (Gibbons)	Silver Surfperch	F-HYEL
Phanerodon furcatus Girard	White Seaperch	F-PHFU
Rhacochilus vacca (Girard)	Pile Perch	F-RHVA
FAMILY SPHYRAENIDAE: Barracudas		
Sphyraena argentea Girard	Pacific Barracuda	F-SPAR
FAMILY TRICHODONTIDAE: Sandfishes		
Trichodon trichodon (Tilesius)	Pacific Sandfish	F-TRTR
FAMILY CLINIDAE: Clinids		
Gibbonsia metzi Hubbs	Striped Kelpfish	F-GIME
Gibbonsia montereyensis Hubbs	Crevice Kelpfish	F-GIMO
FAMILY STICHAEIDAE: Pricklebacks		
Allolumpenus hypochromus Hubbs and Schultz	Y-prickleback	F-ALHY
Anoplarchus insignis Gilbert and Burke	Slender Cockscomb	F-ANIS
Anoplarchus purpurescens Gill	High Cockscomb	F-ANPU
Bryozoichthys marjorius McPhail	Pearly Prickleback	F-BRMR
Chirolophis decoratus (Jordan and Snyder)	Decorated Warbonnet	F-CHDE
Chirolophis nugator (Jordan and Williams)	Mosshead Warbonnet	F-CHNU
Chirolophis tarsodes (Jordan and Snyder)	Matcheek Warbonnet	F-CHTA
Lumpenella longirostris (Evermann and Goldsborough)	Longsnout Prickleback	F-LULO
Lumpenus maculatus (Fries)	Daubed Blenny	F-LUMA
Lumpenus sagitta Wilimovsky	Pacific Snake Prickleback	F-LUSA
Phytichthys chirus (Jordan and Gilbert)	Ribbon Prickleback	F-PHCH
Plectobranchus evides Gilbert	Bluebarred Prickleback	F-PLEV
Poroclinus rothrocki Bean	Whitebarred Prickleback	F-PORO
Stichaeus punctatus (Fabricius)	Arctic Shanny	F-STPU
Xiphister atropurpureus (Kittlitz)	Black Prickleback	F-XIAT
Xiphister mucosus (Girard)	Rock Prickleback	F-XIMU

FAMILY PHOLIDIDAE: Gunnels		
Apodichthys flavidus Girard	Penpoint Gunnel	F-APFL
Pholis clemensi [4]Rosenblatt	Longfin Gunnel	F-PHCL
Pholis laeta (Cope)	Crescent Gunnel	F-PHLA
Pholis ornata (Girard)	Saddleback Gunnel	F-PHOR
Pholis schultzi Hubbs	Red Gunnel	F-PHSC
Xererpes fucorum [5](Jordan and Gilbert)	Rockweed Gunnel	F-XEFU
FAMILY ANARHICHADIDAE: Wolffishes		
Anarhichthys ocellatus Ayres	Wolf-eel	F-ANOC
FAMILY PTILICHTHYIDAE: Quillfishes		
Ptilichthys goodei Bean	Quillfish	F-PTGO
FAMILY SCYTALINIDAE: Graveldivers		
Scytalina cerdale Jordan and Gilbert	Graveldiver	F-SCCE
FAMILY ZAPRORIDAE: Prowfishes		
Zaprora silenus Jordan	Prowfish	F-ZASI
FAMILY CRYPTACANTHODIDAE: Wrymouths		
Delolepis gigantea Kittlits	Giant Wrymouth	F-DEGI
Lyconectes aleutensis Gilbert	Dwarf Wrymouth	F-LYAL
FAMILY AMMODYTIDAE: Sand Lances		
Ammodytes hexapterus Pallas	Pacific Sand Lance	F-AMHE
FAMILY BATHYMASTERIDAE: Ronquils		
Bathymaster caeruleofasciatus Gilbert and Burke	Bluefin Searcher	F-BACA
Bathymaster signatus Cope	Blue-eyed Searcher	F-BASI
Ronquilus jordani (Gilbert)	Northern Ronquil	F-ROJO
FAMILY ZOARCIDAE: Eelpouts		
Bothrocara brunneum (Bean)	Twoline Eelpout	F-BOBR
Bothrocara molle Bean	Soft Eelpout	F-BOMO
Bothrocara pusillum (Bean)	Alaska Eelpout	F-BOPU
Lycenchelys crotalinua(Gilbert)	Snakehead Eelpout	F-LYCR
Lycenchelys jordani (Evermann and Goldsborough)	Shortjaw Eelpout	F-LYJO
Lycodapus endemoscotus Peden and Anderson	Deepwater Slipskin	F-LYEN
Lycodapus fierasfer Gilbert	Blackmouth Slipskin	F-LYFI
Lycodapus mandibularis Gilbert	Pallid Slipskin	F-LYMA
Lycodapus pachysoma Peden and Anderson	Stout Slipskin	F-LYPA
Lycodapus parviceps Gilbert	Stubraker Slipskin	F-LYPR
Lycodes brevipes Bean	Shortfin Eelpout	F-LYBR
Lycodes cortezianus (Gilbert)	Bigfin Eelpout	F-LYCO
Lycodes diapterus Gilbert	Black Eelpout	F-LYDI
Lycodes pacificus Collett	Blackbelly Eelpout	F-LYPC
Lycodes palearis Gilbert	Wattled Eelpout	F-LYPL
Melanostigma pammelas Gilbert	Pacific Softpout	F-MEPA
Pachycara bulbiceps (Garman)	Abyssal Eelpout	F-PABU
Pachycara gymninium Anderson and Peden	Nakedneck Eelpout	F-PAGY
Pachycara lepinium Anderson and Peden	Scalyneck Eelpout	F-PALE
Taranetzella lyoderma Andriashev	Ghostly Eelpout	F-TALY

[4]Recent changes in literature may lead to replacement of this genus with *Allopholis*.

[5]Recent changes in literature may lead to replacement of this genus with *Apodichrhys*.

FAMILY DEREPODICHTHYIDAE: Cuskpouts		
Derepodichthys alepidotus Gilbert	Cuskpout	F-DEAL
FAMILY GOBIIDAE: Gobies		
Clevelandia ios (Jordan and Gilbert)	Arrow Goby	F-CLIO
Coryphopterus nicholsi (Bean)	Blackeye Goby	F-CONI
Lepidogobius lepidus (Girard)	Bay Goby	F-LELE
FAMILY TRICHIURIDAE: Hairtails		
Aphanopus carbo Lowe	Black Scabbardfish	F-APCA
Benthodesmus elongatus (Clarke)	Bigeye Frostfish	F-BEEL
Benthodesmus tenuis (Gunther)	Javelinfish	F-BETE
FAMILY SCOMBRIDAE: Mackerels		
Euthynnus pelamis (Linnaeus)	Skipjack Tuna	F-EUPE
Sarda chiliensis (Cuvier)	Pacific Bonito	F-SACH
Scomber japonicus Houttuyn	Chub Mackerel	F-SCJA
Thunnus alalunga (Bonnaterre)	Albacore	F-THAL
Thunnus thynnus (Linnaeus)	Bluefin Tuna	F-THTH
FAMILY XIPHIIDAE: Swordfishes		
Xiphias gladius Linnaeus	Swordfish	F-XIGL
FAMILY CENTROLOPHIDAE: Ruffs		
Icichthys lockingtoni Jordan and Gilbert	Medusafish	F-ICLO
FAMILY STROMATEIDAE: Butterfishes		
Peprilus simillimus (Ayres)	Pacific Pompano	F-PESI
FAMILY TETRAGONURIDAE: Squaretails		
Tetragonurus cuvieri Risso	Smalleye Squaretail	F-TECU
FAMILY ICOSTEIDAE: Ragfishes		
Icosteus aenigmaticus Lockington	Ragfish	F-ICAE
ORDER SCORPAENIFORMES: Mail-Cheeked Fishes		
FAMILY SCORPAENIDAE: Scorpionfishes		
Sebastes aleutianus (Jordan and Evermann)	Rougheye Rockfish	F-SEAL
Sebastes alutus (Gilbert)	Pacific Ocean Perch	F-SEAT
Sebastes auriculatus Girard	Brown Rockfish	F-SEAU
Sebastes aurora (Gilbert)	Aurora Rockfish	F-SEAU
Sebastes babcocki (Thompson)	Redbanded Rockfish	F-SEBA
Sebastes borealis Barsukov	Shortraker Rockfish	F-SEBO
Sebastes brevispinis (Bean)	Silvergray Rockfish	F-SEBR
Sebastes caurinus Richardson	Copper Rockfish	F-SECA
Sebastes ciliatus (Tilesius)	Dusky Rockfish	F-SECI
Sebastes crameri (Jordan)	Darkblotch Rockfish	F-SECR
Sebastes diploprora (Gilbert)	Splitnose Rockfish	F-SEDI
Sebastes elongatus Ayres	Greenstripe Rockfish	F-SEEL
Sebastes emphaeus (Starks)	Puget Sound Rockfish	F-SEEM
Sebastes entomelas (Jordan and Gilbert)	Widow Rockfish	F-SEEN
Sebastes flavidus (Ayres)	Yellowtail Rockfish	F-SEFL
Sebastes goodei (Eigenmann and Eigenmann)	Chilipepper	F-SEGO
Sebastes helvomaculatus Ayres	Rosethorn Rockfish	F-SEHE
Sebastes jordani (Gilbert)	Shortbelly Rockfish	F-SEJO
Sebastes maliger (Jordan and Gilbert)	Quillback Rockfish	F-SEMA
Sebastes melanops Girard	Black Rockfish	F-SEME

Sebastes miniatus (Jordan and Gilbert)	Vermilion Rockfsih	F-SEMI
Sebastes mystinus (Jordan and Gilbert)	Blue Rockfish	F-SEMY
Sebastes nebulosus Ayres	China Rockfish	F-SENE
Sebastes nigrocinctus Ayres	Tiger Rockfish	F-SENI
Sebastes paucispinis Ayres	Bocaccio	F-SEPA
Sebastes pinniger (Gill)	Canary Rockfish	F-SEPI
Sebastes proriger (Jordan and Gilbert)	Redstripe Rockfish	F-SEPR
Sebastes reedi (Westrheim and Tsuyuki)	Yellowmouth Rockfish	F-SERE
Sebastes ruberrimus (Cramer)	Yelloweye Rockfish	F-SERU
Sebastes saxicola (Gilbert)	Stripetail Rockfish	F-SESA
Sebastes variegatus Quast	Harlequin Rockfish	F-SEVA
Sebastes wilsoni (Gilbert)	Pygmy Rockfish	F-SEWI
Sebastes zacentrus (Gilbert)	Sharpchin Rockfish	F-SEZA
Sebastolobus alascanus Bean	Shortspine Thornyhead	F-SEAS
Sebastolobus altivelis Gilbert	Longspine Thornyhead	F-SEAI
FAMILY ANOPLOPOMATIDAE: Sablefishes		
Anoplopoma fimbria (Pallas)	Sablefish	F-ANFI
Erilepis zonifer (Lockington)	Skilfish	F-ERZO
FAMILY HEXAGRAMMIDAE: Greenlings		
Hexagrammos decagrammus (Pallas)	Kelp Greenling	F-HEDE
Hexagrammos lagocephalus (Pallas)	Rock Greenling	F-HELA
Hexagrammos octogrammus (Pallas)	Masked Greenling	F-HEOC
Hexagrammos stelleri Tilesius	Whitespotted Greenling	F-HEST
Ophiodon elongatus Girard	Lingcod	F-OPEL
Oxylebius pictus Gill	Painted Greenling	F-OXPI
Pleurogrammus monopterygius (Pallas)	Atka Mackerel	F-PLMO
FAMILY ZANIOLEPIDIDAE: Combfishes		
Zaniolepis latipinnus Girard	Longspine Combfish	F-ZALA
FAMILY COTTIDAE: Sculpins		
Artedius fenestralis (Jordan and Gilbert)	Padded Sculpin	F-ARFE
Artedius harringtoni (Starks)	Scalyhead Sculpin	F-ARHA
Artedius lateralis (Girard)	Smoothhead Sculpin	F-ARLA
Artedius meanyi (Jordan and Starks)	Puget Sound Sculpin	F-ARME
Ascelichthys rhodorus Jordan and Gilbert	Rosylip Sculpin	F-ASRH
Blepsias bilobus Cuvier	Crested Sculpin	F-BLBI
Blepsias cirrhosus (Pallas)	Silverspot Sculpin	F-BLCI
Chitonotus pugetensis (Steindachner)	Roughback Sculpin	F-CHPU
Clinocottus acuticeps (Gilbert)	Sharpnose Sculpin	F-CLAC
Clinocottus embryum (Jordan and Starks)	Calico Sculpin	F-CLEM
Clinocottus globiceps (Girard)	Mosshead Sculpin	F-CLGL
Cottus aleuticus Gilbert	Coastrange Sculpin	F-COAL
Cottus asper Richardson	Prickly Sculpin	F-COAS
Enophrys bison (Girard)	Buffalo Sculpin	F-ENBI
Enophrys lucasi (Jordan and Gilbert)	Leister Sculpin	F-ENLU
Gymnocanthus galeatus Bean	Armorhead Sculpin	F-GYGA
Hemilepidotus hemilepidotus (Tilesius)	Red Irish Lord	F-HEHE
Hemilepidotus spinosus (Ayres)	Brown Irish Lord	F-HESP
Hemitripterus bolini (Myers)	Bigmouth Sculpin	F-HEBO
Icelinus borealis Gilbert	Northern Sculpin	F-ICBO
Icelinus burchami Evermann and Golbsborough	Dusky Sculpin	F-ICBU
Icelinus filamentosus Gilbert	Threadfin Sculpin	F-ICFI
Icelinus fimbriatus Gilbert	Fringed Sculpin	F-ICFM
Icelinus tenuis Gilbert	Spotfin Sculpin	F-ICTE
Icelus spiniger Gilbert	Thorny Sculpin	F-ICSP

Jordania zonope Starks	Longfin Sculpin	F-JOZO
Leptocottus armatus Girard	Staghorn Sculpin	F-LEAR
Myoxocephalus polyacanthocephalus (Pallas)	Great Sculpin	F-MYPO
Myoxocephalus scorpius [6](Linnaeus)	Shorthorn Sculpin	F-MYSC
Nautichthys oculofasciatus (Girard)	Sailfin Sculpin	F-NAOC
Nautichthys robustus Peden	Smallsail Sculpin	F-NARO
Oligocottus maculosus Girard	Tidepool Sculpin	F-OLMA
Oligocottus rimensis (Greeley)	Saddleback Sculpin	F-OLRI
Oligocottus snyderi Greeley	Fluffy Sculpin	F-OLSN
Paricelinus hopliticus Eigenmann and Eigenmann	Thornback Sculpin	F-PAHO
Radulinus asprellus Gilbert	Slim Sculpin	F-RAAS
Radulinus boleoides Gilbert	Darter Sculpin	F-RABO
Radulinus taylori (Gilbert)	Spinynose Sculpin	F-RATA
Rhamphocottus richardsoni Gunther	Grunt Sculpin	F-RHRI
Scorpaenichthys marmoratus (Ayres)	Cabezon	F-SCMA
Synchirus gilli Bean	Manacled Sculpin	F-SYGI
Triglops macellus (Bean)	Roughspine Sculpin	F-TRMA
Triglops pingeli Reinhardt	Ribbed Sculpin	F-TRPI
FAMILY PSYCHROLUTIDAE: Tadpole Fishes		
Dasycottus setiger Bean	Spinyhead Sculpin	F-DASE
Malacocottus kincaidi Gilbert and Thompson	Blackfin Blobsculpin	F-MAKI
Malacocottus zonurus Bean	Spinycheek Blobsculpin	F-MAZO
Psychrolutes paradoxus Gunther	Tadpole Sculpin	F-PSPA
Psychrolutes phrictus Stein and Bond	Giant Blobsculpin	F-PSPH
Psychrolutes sigalutes (Jordan and Starks)	Soft Sculpin	F-PSSI
FAMILY AGONIDAE: Poachers		
Agonomalus mozinoi Wilimovsky and Wilson	Kelp Poacher	F-AGMO
Agonopsis vulsa (Jordan and Gilbert)	Northern Spearnose Poacher	F-AGVU
Agonus acipenserinus Pallas	Sturgeon Poacher	F-AGAC
Anoplagonus inermis (Gunther)	Smooth Alligatorfish	F-ANIN
Bathyagonus alascanus (Gilbert)	Gray Starsnout	F-BAAL
Bathyagonus infraspinatus (Gilbert)	Spinycheek Starsnout	F-BAIN
Bathyagonus nigripinnis Gilbert	Blackfin Poacher	F-BANI
Bathyagonus pentacanthus (Gilbert)	Bigeye Poacher	F-BAPE
Bothragonus swani (Steindachner)	Rockhead	F-BOSW
Hypsagonus quadricornis (Cuvier)	Fourhorn Poacher	F-HYQU
Occella verrucosa (Lockington)	Warty Poacher	F-OCVE
Odontopyxis trispinosa Lockington	Pygmy Poacher	F-ODTR
Pallasina barbata (Steindachner)	Tubenose Poacher	F-PABA
Sarritor frenatus (Gilbert)	Sawback Poacher	F-SAFR
Stellerina xyosterna (Jordan and Gilbert)	Pricklebreast Poacher	F-STXY
Xeneretmus latifrons (Gilbert)	Blacktip Poacher	F-XELA
Xeneretmus leiops Gilbert	Cutfin Poacher	F-XELE
Xeneretmus triacanthus (Gilbert)	Bluespotted Poacher	F-XETR
FAMILY CYCLOPTERIDAE: Lumpfishes		
Aptocyclus ventricosus (Pallas)	Smooth Lumpsucker	F-APVE
Eumicrotremus orbis (Gunther)	Pacific Spiny Lumpsucker	F-EUOR
FAMILY LIPARIDIDAE: Snailfishes		
Acantholiparis opercularis Gilbert and Burke	Spiny Snailfish	F-ACOP
Careproctus gilberti Burke	Smalldisk Snailfish	F-CAGI
Careproctus melanurus Gilbert	Blacktail Snailfish	F-CAME

[6]Species reported to be undescribed, but the closely related *M scorpius* is listed here in the interim.

Careproctus oregonensis Stein	Smallfin Snailfish	F-CAOR
Careproctus ovigerum (Gilbert)	Abyssal Snailfish	F-CAOV
Liparis callyodon (Pallas)	Spotted Snailfish	F-LICA
Liparis cyclopus Gunther	Ribbon Snailfish	F-LICY
Liparis dennyi Jordan and Starks	Marbled Snailfish	F-LIDE
Liparis florae (Jordan and Starks)	Tidepool Snailfish	F-LIFL
Liparis fucensis Gilbert	Slipskin Snailfish	F-LIFU
Liparis gibbus Bean	Dusky Snailfish	F-LIGI
Liparis greeni (Jordan and Starks)	Lobefin Snailfish	F-LIGR
Liparis mucosus Ayres	Slimy Snailfish	F-LIMU
Liparis pulchellus Ayres	Showy Snailfish	F-LIPU
Liparis rutteri (Gilbert and Snyder)	Ringtail Snailfish	F-LIRU
Lipariscus nanus Gilbert	Pygmy Snailfish	F-LINA
Nectoliparis pelagicus Gilbert and Burke	Tadpole Snailfish	F-NEPE
Osteodiscus cascadiae Stein	Bigtailed Snailfish	F-OSCA
Paraliparis cephalus Gilbert	Swellhead Snailfish	F-PACE
Paraliparis deani Burke	Prickly Snailfish	F-PADE
Paraliparis latifrons Garman	Bigpored Snailfish	F-PALA
Paraliparis paucidens Stein	Toothless Snailfish	F-PAPA
Paraliparis rosaceus Gilbert	Pink Snailfish	F-PARO
Rhinoliparis attenuatus Burke	Slim Snailfish	F-RHAT

ORDER GASTEROSTEIFORMES: Gasterosteiform Fishes

FAMILY AULORHYNCHIDAE: Tubesnouts

Aulorhynchus flavidus Gill	Tubesnout	F-AUFL

FAMILY GASTEROSTEIDAE: Sticklebacks

Gasterosteus aculeatus Linnaeus	Threespine Stickleback	F-GAAC

ORDER PLEURONECTIFORMES: Flatfishes

FAMILY BOTHIDAE: Lefteye Flounders

Citharichthys sordidus (Girard)	Pacific Sanddab	F-CISO
Citharichthys stigmaeus Jordan and Gilbert	Speckled Sanddab	F-CIST

FAMILY PLEURONECTIDAE: Righteye Flounders[7]

Atheresthes stomias (Jordan and Gilbert)	Arrowtooth Flounder	F-ATST
Clidoderma asperrimum (Temminck and Schlegel)	Roughscale Sole	F-CLAS
Embassichthys bathybius (Gilbert)	Deepsea Sole	F-EMBA
Eopsetta jordani (Lockington)	Petrale Sole	F-EOJO
Glyptocephalus zachirus Lockington	Rex Sole	F-GLZA
Hippoglossoides elassodon Jordan and Gilbert	Flathead Sole	F-HIEL
Hippoglossus stenolepis Schmidt	Pacific Halibut	F-HIST
Inopsetta isolepis (Lockington)	Butter Sole	F-INIS
Lepidopsetta bilineata (Ayres)	Rock Sole	F-LEBI
Limanda aspera (Pallas)	Yellowfin Sole	F-LIAS
Lyopsetta exilis (Jordan and Gilbert)	Slender Sole	F-LYEX
Microstomus pacificus (Lockington)	Dover Sole	F-MIPA
Parophrys vetulus Girard	English Sole	F-PAVE
Platichthys stellatus Pallas	Starry Flounder	F-PLST
Pleuronichthys coenosus Girard	C-O Sole	F-PLCO
Pleuronichthys decurrens Jordan and Gilbert	Curlfin Sole	F-PLDE
Psettichthys melanostictus Girard	Sand Sole	F-PSME
Reinhardtius hippolossoides (Walbaum)	Greenland Halibut	F-REHI

[7]Because it is a hybrid, *Inopsettia ischyra* Jordan and Gilbert is not listed.

ORDER **TETRAODONTIFORMES**: Tetraodontiform Fishes

FAMILY MOLIDAE: Molas		
Mola mola (Linnaeus)	Ocean Sunfish	F-MOMO

FRESHWATER FISHES

Alex E. Peden

This list includes 86 species of fishes known to have occurred in the natural fresh waters of British Columbia prior to January 1989. Of these, 22 occur in both fresh and salt water and are listed on both the marine and freshwater fish lists. Fresh water is defined as that with a salinity of less than 15°/00 (Jean et al.1981). Names and classification follow Jean et al. (1981) and Nelson (1984). The latter reference reflects a new trend of placing cypriniform fishes before salmoniforms. Taxonomic categories above the level of genus are arranged phylogenetically; genera and species are arranged alphabetically within each family.

CLASS **CYCLOSTOMATA**: Hagfishes and Lampreys

ORDER: **PETROMYZONIFORMES**

FAMILY PETROMYZONIDAE: Lampreys

Lampetra ayresi (Gunther)	River Lamprey	F-LAAY
Lampetra macrostoma Beamish	Lake Lamprey	F-LAMA
Lampetra richardsoni Vladykov and Follett	Brook Lamprey	F-LARC
Lampetra tridentata (Gairdner)	Pacific Lamprey	F-LATR

CLASS **OSTEICHTHYS**: Bony Fishes

ORDER : **ACIPENSERIFORMES**

FAMILY ACIPENSERIDAE: Sturgeons

Acipenser medirostris Ayres	Green Sturgeon	F-ACME
Acipenser transmontanus Richardson	White Sturgeon	F-ACTR

ORDER **CLUPEIFORMES**: Herrings

FAMILY CLUPEIDAE: Herrings

†*Alosa sapidissima* (Wilson)	American Shad	F-ALSA

ORDER **OSTEOGLOSSIFORMES**: Osteoglossiform Fishes

FAMILY HIODONTIDAE: Mooneyes

Hiodon alosoides (Rafinesque)	Goldeye	F-HIAL

ORDER **SALMONIFORMES**: Salmoniform Fishes

FAMILY SALMONIDAE: Salmonid Fishes

Oncorhynchus gorbuscha (Walbaum)	Pink Salmon	F-ONGO
Oncorhynchus keta (Walbaum)	Chum Salmon	F-ONKE
Oncorhynchus kisutch (Walbaum)	Coho Salmon	F-ONKI
Oncorhynchus nerka (Walbaum)	Sockeye Salmon	F-ONNE
Oncorhynchus tshawytscha (Walbaum)	Chinook Salmon	F-ONTS

Salmo clarki[8] Richardson	Cutthroat Trout	F-SACL
Salmo gairdneri[9] Richardson	Rainbow Trout	F-SAGA
†*Salmo salar* Linnaeus	Atlantic Salmon	F-SASA
†*Salmo trutta* Linnaeus	Brown Trout	F-SATR
Salvelinus confluentus (Suckley)	Bull Trout	F-SACO
†*Salvelinus fontinalis* (Mitchell)	Brook Trout	F-SAFO
Salvelinus malma (Walbaum)	Dolly Varden	F-SAMA
Salvelinus namaycush (Walbaum)	Lake Trout	F-SANA
Coregonus artedii Lesueur	Cisco	F-COAR
Coregonus clupeaformis (Mitchill)	Lake Whitefish	F-COCL
Coregonus nasus (Pallas)	Broad Whitefish	F-CONA
Coregonus sardinella Valenciennes	Least Cisco	F-COSR
Prosopium coulteri (Eigenmann and Eigenmann)	Pygmy Whitefish	F-PRCO
Prosopium cylindraceum (Pallas)	Round Whitefish	F-PRCY
Prosopium williamsoni (Girard)	Mountain Whitefish	F-PRWI
Stenodus leucichthys (Guldenstadt)	Inconnu	F-STLU
Thymallus arcticus (Pallas)	Arctic Grayling	F-THAR
FAMILY OSMERIDAE: Smelts		
Spirinchus thaleichthys (Ayres)	Longfin Smelt	F-SPTH
Thaleichthys pacificus (Richardson)	Eulachon	F-THPA
FAMILY ESOCIDAE: Pikes		
Esox lucius Linnaeus	Northern Pike	F-ESLU
ORDER **CYPRINIFORMES**: Cypriniform Fishes		
FAMILY CYPRINIDAE: Carps and Minnows		
Acrocheilus alutaceus Agassiz and Pickering	Chiselmouth	F-ACAL
†*Carassius auratus* (Linnaeus)	Goldfish	F-CAAU
Chrosomus eos Cope	Northern Redbelly Dace	F-CHEO
Chrosomus neogaeus (Cope)	Finescale Dace	F-CHNE
Couesius plumbeus (Agassiz)	Lake Chub	F-COPL
Cyprinus carpio Linnaeus	Carp	F-CYCA
Hybognathus hankinsoni Hubbs and Greene	Brassy Minnow	F-HYHA
Mylocheilus caurinus (Richardson)	Peamouth Chub	F-MYCA
Notropis atherinoides Rafinesque	Emerald Shiner	F-NOAT
Notropis hudsonius (Clinton)	Spottail Shiner	F-NOHU
Pimephales promelas Rafinesque	Flathead Minnow	F-PIPR
Platygobio gracilis (Richardson)	Flathead Chub	F-PLGR
Ptychocheilus oregonensis (Richardson)	Northern Squawfish	F-PTOR
Rhinichthys cataractae[10] (Valenciennes)	Longnose Dace	F-RHCA
Rhinichthys falcatus (Eigenmann and Eigenmann)	Leopard Dace	F-RHFA
Rhinichthys osculus Girard	Speckled Dace	F-RHOS
Rhinichthys umatilla (Gilbert and Evermann)	Umatilla Dace	F-RHUM
Richardsonius balteatus (Richardson)	Redside Shiner	F-RIBA
Semotilus margarita (Cope)	Pearl Dace	F-SEMR
Tinca tinca (Linnaeus)	Tench	F-TITI

[8]Includes coastal cutthroat trout (*S. c. clarki*) and yellowstone cutthroat trout (*S. c. lewisi*).

[9]Includes steelhead.

[10]Includes Nooksack Dace (McPhail 1967) which is undescribed.

FAMILY CATOSTOMIDAE: Suckers		
Catostomus catostomus [11] (Forster)	Longnose Sucker	F-CACT
Catostomus columbianus (Eigenmann & Eigenmann)	Bridgelip Sucker	F-CACO
Catostomus commersoni (Lacepede)	White Sucker	F-CACM
Catostomus macrocheilus Girard	Largescale Sucker	F-CAMA
Catostomus platyrhynchus (Cope)	Mountain Sucker	F-CAPL
ORDER SILURIFORMES: Catfishes		
FAMILY ICTALURIDAE: Catfishes		
†*Ictalurus melas* (Rafinesque)	Black Bullhead	F-ICME
†*Ictalurus nebulosus* (Lesueur)	Brown Bullhead	F-ICNE
ORDER GADIFORMES: Gadiform Fishes		
FAMILY GADIDAE: Cods		
Lota lota (Linnaeus)	Burbot	F-LOLO
ORDER PERCOPSIFORMES: Percopsiform Fishes		
FAMILY PERCOPSIDAE: Troutperches		
Percopsis omiscomaycus (Walbaum)	Troutperch	F-PEOM
ORDER GASTEROSTEIFORMES: Gasterosteiform Fishes		
FAMILY GASTEROSTEIDAE: Sticklebacks		
Culaea inconstans (Kirtland)	Brook Stickleback	F-CUIN
Gasterosteus aculeatus [12] Linnaeus	Threespine Stickleback	F-GAAC
Pungitius pungitius (Linnaeus)	Ninespine Stickleback	F-PUPU
ORDER PERCIFORMES: Perciform Fishes		
FAMILY CENTRARCHIDAE: Sunfishes		
†*Lepomis gibbosus* (Linnaeus)	Pumpkinseed	F-LEGI
†*Micropterus dolomieui* Lacepede	Smallmouth Bass	F-MIDO
†*Micropterus salmoides* (Lacepede)	Largemouth Bass	F-MISA
†*Pomoxis nigromaculatus* (Lesueur)	Black Crappie	F-PONI
FAMILY PERCIDAE: Perches		
Perca flavescens (Mitchill)	Yellow Perch	F-PEFL
Stizostedion vitreum (Mitchill)	Walleye	F-STVI
ORDER SCORPAENIFORMES: Mail-cheeked Fishes		
FAMILY COTTIDAE: Sculpins		
Cottus aleuticus Gilbert	Coastrange Sculpin	F-COAL
Cottus asper Richardson	Prickly Sculpin	F-COAS
Cottus bairdi Girard	Mottled Sculpin	F-COBA
Cottus cognatus Richardson	Slimy Sculpin	F-COCO
Cottus confusus [13] Bailey and Bond	Shorthead Sculpin	F-COCN

[11] Includes Campbell River Sucker (McPhail 1967) which is undescribed.

[12] Includes the marine (*trachurus*) and freshwater (*leirus*) forms as well as undescribed biological species on the Queen Charlotte Islands, Enos Lake and Texada Island. See McPhail (1984) and Moodie and Reimchen (1973).

[13] Peden, Hughes and Roberts (1989) document differences between populations of the Columbia and Flathead rivers and suggest that the populations may be taxonomically distinct.

Cottus rhotheus (Smith)	Torrent Sculpin	F-CORH
Cottus ricei (Nelson)	Spoonhead Sculpin	F-CORI
Leptocottus armatus Girard	Staghorn Sculpin	F-LEAR

ORDER PLEURONECTIFORMES: Flatfishes

FAMILY PLEURONECTIDAE: Righteye Flounders

Platichthys stellatus[14] Pallas	Starry Flounder	F-PLST

[14]Estuarine species.

AMPHIBIANS

Stan A. Orchard

This list includes 20 species of amphibians known to have occurred in British Columbia prior to January 1989. Names and classification, with some exceptions, conform to Banks, McDiarmid and Gardner (1987), Frost (1985) and Collins et al (1982). Taxonomic categories above the level of genus are grouped phylogenetically; genera and species are arranged alphabetically within each family.

CLASS AMPHIBIA: Amphibians

ORDER CAUDATA: Salamanders

FAMILY SALAMANDRIDAE: Newts and Relatives		
Taricha granulosa (Skilton)	Rough-skinned Newt	A-TAGR
FAMILY AMBYSTOMATIDAE: Mole Salamanders		
Ambystoma gracile (Baird)	Northwestern Salamander	A-AMGR
Ambystoma macrodactylum Baird	Long-toed Salamander	A-AMMA
Ambystoma tigrinum (Green)	Tiger Salamander	A-AMTI
FAMILY DICAMPTODONTIDAE: Giant and Olympic Salamanders		
Dicamptodon ensatus (Eschscholtz)	Pacific Giant Salamander	A-DIEN
FAMILY PLETHODONTIDAE: Lungless Salamanders		
Aneides ferreus Cope	Clouded Salamander	A-ANFE
Ensatina eschscholtzii Gray	Ensatina Salamander	A-ENES
Plethodon idahoensis Slater and Slipp	Coeur d'Alene Salamander	A-PLID
Plethodon vehiculum (Cooper)	Western Red-backed Salamander	A-PLVE

ORDER ANURA: Frogs and Toads

FAMILY LEIOPELMATIDAE: Tailed Frogs		
Ascaphus truei Stejneger	Tailed Frog	A-ASTR
FAMILY PELOBATIDAE: Spadefoot Toads		
Scaphiopus intermontanus Cope	Great Basin Spadefoot Toad	A-SCIN
FAMILY BUFONIDAE: True Toads		
Bufo boreas Baird and Girard	Western Toad	A-BUBO
FAMILY HYLIDAE: Treefrogs		
Hyla regilla Baird and Girard	Pacific Treefrog	A-HYRE
Pseudacris triseriata (Wied-Neuwied)	Striped Chorus Frog	A-PSTR
FAMILY RANIDAE: True Frogs		
Rana aurora Baird and Girard	Red-legged Frog	A-RAAU
†*Rana catesbeiana* Shaw	American Bullfrog	A-RACA
†*Rana clamitans* Latreille	Green Frog	A-RACL

Rana pipiens Schreber	Northern Leopard Frog	A-RAPI
Rana pretiosa Baird and Girard	Spotted Frog	A-RAPR
Rana sylvatica Le Conte	Wood Frog	A-RASY

REPTILES

Stan A. Orchard

This list includes 19 species of reptiles known to have occurred in British Columbia prior to January 1989. Names and classification, with some exceptions, follow Banks et al. (1987) and Collins et al. (1982). Taxonomic categories above the level of genus are grouped phylogenetically; genera and species are arranged alphabetically within each family.

CLASS REPTILIA: Reptiles

ORDER TESTUDINES: Turtles

FAMILY CHELYDRIDAE: Snapping Turtles		
†*Chelydra serpentina* (Linnaeus)	Snapping Turtle	R-CHSE
FAMILY EMYDIDAE: Emydid Turtles		
†*Chineymys reevesii* (Gray)	Reeves' Turtle	R-CHRE
Chrysemys picta (Schneider)	Painted Turtle	R-CHPI
†*Clemmys marmorata* (Baird and Girard)	Western Pond Turtle	R-CLMA
FAMILY CHELONIIDAE: Sea Turtles		
Chelonia mydas (Linnaeus)	Green Sea Turtle	R-CHMY
FAMILY DERMOCHELYIDAE: Leatherback Sea Turtles		
Dermochelys coriacea (Linnaeus)	Leatherback Sea Turtle	R-DECO

ORDER SQUAMATA: Amphisbaenians, Lizards and Snakes

FAMILY IGUANIDAE: Iguanids		
Phrynosoma douglassii (Bell)	Short-horned Lizard	R-PHDO
FAMILY SCINCIDAE: Skinks		
Eumeces skiltonianus (Baird and Giard)	Western Skink	R-EUSK
FAMILY ANGUIDAE: Anguids		
Gerrhonotus coeruleus Wiegmann	Northern Alligator Lizard	R-GECO
FAMILY BOIDAE: Boas and Pythons		
Charina bottae (Blainville)	Rubber Boa	R-CHBO
FAMILY COLUBRIDAE: Colubrids		
Coluber mormon Baird and Girard	Western Yellow-bellied Racer	R-COMO
Contia tenuis (Baird and Girard)	Sharp-tailed Snake	R-COTE
Hypsiglena torquata (Günther)	Night Snake	R-HYTO
Pituophis melanoleucus (Daudin)	Gopher Snake	R-PIME
†*Sonora semiannulata* Baird and Girard	Ground Snake	R-SOSE

Thamnophis elegans (Baird and Girard)	Western Garter Snake	R-THEL
Thamnophis ordinoides (Baird and Girard)	Northwestern Garter Snake	R-THOR
Thamnophis sirtalis (Linnaeus)	Common Garter Snake	R-THSI
FAMILY VIPERIDAE: Pit Vipers and Vipers		
Crotalus viridis Rafinesque	Western Rattlesnake	R-CRVI

BIRDS

R. Wayne Campbell

This list includes the 448 species of birds known to have occurred in British Columbia prior to January 1989. The list of both scientific and common names and their sequence, follows the *Check-list of North American Birds*, 6th edition (American Ornithologists' Union 1983) and its supplements (American Ornithologists' Union 1984, 1985, 1987, 1989).

CLASS AVES: Birds

ORDER GAVIIFORMES: Loons

FAMILY GAVIIDAE: Loons		
Gavia stellata (Pontoppidan)	Red-throated Loon	B-RTLO
Gavia pacifica (Lawrence)	Pacific Loon	B-PALO
Gavia immer (Brünnich)	Common Loon	B-COLO
Gavia adamsii (Gray)	Yellow-billed Loon	B-YBLO

ORDER PODICIPEDIFORMES: Grebes

FAMILY PODICIPEDIDAE: Grebes		
Podilymbus podiceps (Linneaus)	Pied-billed Grebe	B-PBGR
Podiceps auritus (Linnaeus)	Horned Grebe	B-HOGR
Podiceps grisegena (Boddaert)	Red-necked Grebe	B-RNGR
Podiceps nigricollis (Brehm)	Eared Grebe	B-EAGR
Aechmophorus occidentalis (Lawrence)	Western Grebe	B-WEGR
Aechmophorus clarkii (Lawrence)	Clark's Grebe	B-CLGR

ORDER PROCELLARIIFORMES: Tube-nosed Swimmers

FAMILY DIOMEDEIDAE: Albatrosses		
Diomedea albatrus Pallas	Short-tailed Albatross	B-STAL
Diomedea nigripes Audubon	Black-footed Albatross	B-BFAL
Diomedea immutabilis Rothschild	Laysan Albatross	B-LAAL
FAMILY PROCELLARIIDAE: Fulmars, Petrels and Shearwaters		
Fulmarus glacialis Linnaeus	Northern Fulmar	B-NOFU
Pterodroma inexpectata (Forster)	Mottled Petrel	B-MOPE
Puffinus creatopus Coues	Pink-footed Shearwater	B-PFSH
Puffinus carneipes Gould	Flesh-footed Shearwater	B-FFSH
Puffinus bulleri Salvin	Buller's Shearwater	B-BLSH
Puffinus griseus (Gmelin)	Sooty Shearwater	B-SOSH
Puffinus tenuirostris (Temminck)	Short-tailed Shearwater	B-STSH
Puffinus opisthomelas Coues	Black-vented Shearwater	B-BVSH
FAMILY HYDROBATIDAE: Storm-Petrels		
Oceanodroma furcata (Gmelin)	Fork-tailed Storm-Petrel	B-FTSP
Oceanodroma leucorhoa (Vieillot)	Leach's Storm-Petrel	B-LSPE

ORDER PELECANIFORMES: Totipalmate Swimmers

FAMILY PELECANIDAE: Pelicans		
Pelecanus erythrorhynchos Gmelin	American White Pelican	B-AWPE
Pelecanus occidentalis Linnaeus	Brown Pelican	B-BRPE
FAMILY PHALACROCORACIDAE: Cormorants		
Phalacrocorax auritus (Lesson)	Doubled-crested Cormorant	B-DCCO
Phalacrocorax penicillatus (Brandt)	Brandt's Cormorant	B-BRCO
Phalacrocorax pelagicus Pallas	Pelagic Cormorant	B-PECO
Phalacrocorax urile (Gmelin)	Red-faced Cormorant	B-RFCO
FAMILY FREGATIDAE: Frigatebirds		
Fregata magnificens Mathews	Magnificent Frigatebird	B-MAFR

ORDER CICONIIFORMES: Bitterns, Herons, Egrets, Ibises and Storks

FAMILY ARDEIDAE: Bitterns, Herons and Egrets		
Botaurus lentiginosus (Rackett)	American Bittern	B-AMBI
Ixobrychus exilis (Gmelin)	Least Bittern	B-LEBI
Ardea herodias Linnaeus	Great Blue Heron	B-GBHE
Casmerodius albus (Linnaeus)	Great Egret	B-GREG
Egretta thula (Molina)	Snowy Egret	B-SNEG
Egretta caerulea (Linnaeus)	Little Blue Heron	B-LBHE
Bubulcus ibis (Linnaeus)	Cattle Egret	B-CAEG
Butorides striatus (Linnaeus)	Green-backed Heron	B-GRHE
Nycticorax nycticorax (Linnaeus)	Blacked-crowned Night-Heron	B-BCNH
FAMILY THRESKIORNITHIDAE: Ibises		
Plegadis chihi (Vieillot)	White-faced Ibis	B-WFIB
FAMILY CICONIIDAE: Storks		
Mycteria americana Linnaeus	Wood Stork	B-WOST

ORDER ANSERIFORMES: Swans, Geese and Ducks

FAMILY ANATIDAE: Swans, Geese and Ducks		
Dendrocygna bicolor (Vieillot)	Fulvous Whistling-Duck	B-FWDU
Cygnus columbianus (Ord)	Tundra Swan	B-TUSW
Cygnus buccinator Richardson	Trumpeter Swan	B-TRUS
†*Cygnus olor* (Gmelin)	Mute Swan	B-MUSW
Anser albifrons (Scopoli)	Greater White-fronted Goose	B-GWFG
Chen caerulescens (Linnaeus)	Snow Goose	B-SNGO
Chen rossii (Cassin)	Ross' Goose	B-ROGO
Chen canagica (Sevastianov)	Emperor Goose	B-EMGO
Branta bernicla (Linnaeus)	Brant	B-BRAN
Branta canadensis (Linnaeus)	Canada Goose	B-CAGO
Aix sponsa (Linnaeus)	Wood Duck	B-WODU
Anas crecca Linnaeus	Green-winged Teal	B-GWTE
Anas formosa Georgi	Baikal Teal	B-BATE
†*Anas rubripes* Brewster	American Black Duck	B-ABDU
Anas platyrhynchos Linnaeus	Mallard	B-MALL
Anas acuta Linnaeus	Northern Pintail	B-NOPI
Anas querquedula Linnaeus	Garganey	B-GARG
Anas discors Linnaeus	Blue-winged Teal	B-BWTE
Anas cyanoptera Vieillot	Cinnamon Teal	B-CITE
Anas clypeata Linnaeus	Northern Shoveler	B-NOSL
Anas strepera Linnaeus	Gadwall	B-GADW

Anas penelope Linnaeus	Eurasian Wigeon	B-EUWI
Anas americana Gmelin	American Wigeon	B-AMWI
Aythya valisineria (Wilson)	Canvasback	B-CANV
Aythya americana (Eyton)	Redhead	B-REDH
Aythya collaris (Donovan)	Ring-necked Duck	B-RNDU
Aythya fuligula (Linnaeus)	Tufted Duck	B-TUDU
Aythya marila (Linnaeus)	Greater Scaup	B-GRSC
Aythya affinis (Eyton)	Lesser Scaup	B-LESC
Somateria mollissima (Linnaeus)	Common Eider	B-COEI
Somateria spectabilis (Linnaeus)	King Eider	B-KIEI
Polysticta stelleri (Pallas)	Steller's Eider	B-STEI
Histrionicus histrionicus (Linnaeus)	Harlequin Duck	B-HADU
Clangula hyemalis (Linnaeus)	Oldsquaw	B-OLDS
Melanitta nigra (Linnaeus)	Black Scoter	B-BLSC
Melanitta perspicillata (Linnaeus)	Surf Scoter	B-SUSC
Melanitta fusca (Linnaeus)	White-winged Scoter	B-WWSC
Bucephala clangula (Linnaeus)	Common Goldeneye	B-COGO
Bucephala islandica (Gmelin)	Barrow's Goldeneye	B-BAGO
Bucephala albeola (Linnaeus)	Bufflehead	B-BUFF
Mergellus albellus (Linnaeus)	Smew	B-SMEW
Lophodytes cucullatus (Linnaeus)	Hooded Merganser	B-HOME
Mergus merganser Linnaeus	Common Merganser	B-COME
Mergus serrator Linnaeus	Red-breasted Merganser	B-RBME
Oxyura jamaicensis (Gmelin)	Ruddy Duck	B-RUDU

ORDER **FALCONIFORMES**: Diurnal Birds of Prey

FAMILY CATHARTIDAE: American Vultures

Cathartes aura (Linnaeus)	Turkey Vulture	B-TUVU

FAMILY ACCIPITRIDAE: Osprey, Eagles and Hawks

Pandion haliaetus (Linnaeus)	Osprey	B-OSPR
Haliaeetus leucocephalus (Linnaeus)	Bald Eagle	B-BAEA
Circus cyaneus (Linnaeus)	Northern Harrier	B-NOHA
Accipiter striatus Vieillot	Sharp-shinned Hawk	B-SSHA
Accipiter cooperii (Bonaparte)	Cooper's Hawk	B-COHA
Accipiter gentilis (Linnaeus)	Northern Goshawk	B-NOGO
Buteo platypterus (Vieillot)	Broad-winged Hawk	B-BWHA
Buteo swainsoni Bonaparte	Swainson's Hawk	B-SWHA
Buteo jamaicensis (Gmelin)	Red-tailed Hawk	B-RTHA
Buteo regalis (Gray)	Ferruginous Hawk	B-FEHA
Buteo lagopus (Pontoppidan)	Rough-legged Hawk	B-RLHA
Aquila chrysaetos (Linnaeus)	Golden Eagle	B-GOEA

FAMILY FALCONIDAE: Falcons

Falco tinnunculus Linnaeus	Eurasian Kestrel	B-EUKE
Falco sparverius Linnaeus	American Kestrel	B-AMKE
Falco columbarius Linnaeus	Merlin	B-MERL
Falco peregrinus Tunstall	Peregrine Falcon	B-PEFA
Falco rusticolus Linnaeus	Gyrfalcon	B-GYRF
Falco mexicanus Schlegel	Prairie Falcon	B-PRFA

ORDER **GALLIFORMES**: Gallinaceous Birds

FAMILY PHASIANIDAE: Partridge, Grouse, Ptarmigan, Turkey and Quail

†*Perdix perdix* (Linnaeus)	Gray Partridge	B-GRPA
†*Alectoris chukar* (Gray)	Chukar	B-CHUK
†*Phasianus colchicus* Linnaeus	Ring-necked Pheasant	B-RNPH

Dendragapus canadensis (Linnaeus)	Spruce Grouse	B-SPGR
Dendragapus obscurus (Say)	Blue Grouse	B-BLGR
Lagopus lagopus (Linnaeus)	Willow Ptarmigan	B-WIPT
Lagopus mutus (Montin)	Rock Ptarmigan	B-ROPT
Lagopus leucurus (Richardson)	White-tailed Ptarmigan	B-WTPT
Bonasa umbellus (Linnaeus)	Ruffed Grouse	B-RUGR
Centrocercus urophasianus (Bonaparte)	Sage Grouse	B-SAGR
Tympanuchus phasianellus (Linnaeus)	Sharp-tailed Grouse	B-STGR
Meleagris gallopavo Linnaeus	Wild Turkey	B-WITU
†*Colinus virginianus* (Linnaeus)	Northern Bobwhite	B-NOBO
†*Callipepla claifornica* (Shaw)	California Quail	B-CAQU
†*Oreortyx pictus* (Douglas)	Mountain Quail	B-MOQU

ORDER GRUIFORMES: Cranes, Rails and Allies

FAMILY RALLIDAE: Rails, Gallinules and Coots

Rallus limicola Vieillot	Virginia Rail	B-VIRA
Porzana carolina (Linnaeus)	Sora	B-SORA
Gallinula chloropus (Linnaeus)	Common Moorhen	B-COMO
Fulica americana Gmelin	American Coot	B-AMCO

FAMILY GRUIDAE: Cranes

Grus canadensis (Linnaeus)	Sandhill Crane	B-SACR
Grus americana (Linnaeus)	Whooping Crane	B-WHCR

ORDER CHARADRIIFORMES: Shorebirds, Gulls, Auks and Allies

FAMILY CHARADRIIDAE: Plovers

Pluvialis squatarola (Linnaeus)	Black-bellied Plover	B-BBPL
Pluvialis dominica (Müller)	Lesser Golden-Plover	B-LGPL
Charadrius alexandrinus Linnaeus	Snowy Plover	B-SNPL
Charadrius semipalmatus Bonaparte	Semipalmated Plover	B-SEPL
Charadrius vociferus Linnaeus	Killdeer	B-KILL

FAMILY HAEMATOPODIDAE: Oystercatchers

Haematopus bachmani Audubon	Black Oystercatcher	B-BLOY

FAMILY RECURVIROSTRIDAE: Stilts and Avocets

Himantopus mexicanus (Müller)	Black-necked Stilt	B-BNST
Recurvirostra americana Gmelin	American Avocet	B-AMAV

FAMILY SCOLOPACIDAE: Sandpipers, Phalaropes and Allies

Tringa melanoleuca (Gmelin)	Greater Yellowlegs	B-GRYE
Tringa flavipes (Gmelin)	Lesser Yellowlegs	B-LEYE
Tringa erythropus (Pallas)	Spotted Redshank	B-SPRE
Tringa solitaria Wilson	Solitary Sandpiper	B-SOSA
Catoptrophorus semipalmatus (Gmelin)	Willet	B-WILL
Heteroscelus incanus (Gmelin)	Wandering Tattler	B-WATA
Actitus macularia (Linnaeus)	Spotted Sandpiper	B-SPSA
Xenus cinereus (Güldenstädt)	Terek Sandpiper	B-TESA
Bartramia longicauda (Bechstein)	Upland Sandpiper	B-UPSA
Numenius phaeopus (Linnaeus)	Whimbrel	B-WHIM
Numenius tahitiensis (Gmelin)	Bristle-thighed Curlew	B-BTCU
Numenius madagascariensis (Linnaeus)	Far Eastern Curlew	B-FECU
Numenius americanus Bechstein	Long-billed Curlew	B-LBCU
Limosa haemastica (Linnaeus)	Hudsonian Godwit	B-HUGO
Limosa lapponica (Linnaeus)	Bar-tailed Godwit	B-BTGO
Limosa fedoa (Linnaeus)	Marbled Godwit	B-MAGO

Arenaria interpres (Linnaeus)	Ruddy Turnstone	B-RUTU
Arenaria melanocephala (Vigors)	Black Turnstone	B-BLTU
Aphriza virgata (Gmelin)	Surfbird	B-SURF
Calidris canutus (Linnaeus)	Red Knot	B-REKN
Calidris alba (Pallas)	Sanderling	B-SAND
Calidris pusilla (Linnaeus)	Semipalmated Sandpiper	B-SESA
Calidris mauri (Cabanis)	Western Sandpiper	B-WESA
Calidris ruficollis (Pallas)	Rufous-necked Stint	B-RNST
Calidris minuta (Leisler)	Little Stint	B-LIST
Calidris temminckii (Leisler)	Temminck's Stint	B-TEST
Calidris minutilla (Vieillot)	Least Sandpiper	B-LESA
Calidris fuscicollis (Vieillot)	White-rumped Sandpiper	B-WRSA
Calidris bairdii (Coues)	Baird's Sandpiper	B-BASA
Calidris melanotos (Vieillot)	Pectoral Sandpiper	B-PESA
Calidris acuminata (Horsfield)	Sharp-tailed Sandpiper	B-SHSA
Calidris ptilocnemis (Coues)	Rock Sandpiper	B-ROSA
Calidris alpina (Linnaeus)	Dunlin	B-DUNL
Calidris ferruginea (Pontoppidan)	Curlew Sandpiper	B-CUSA
Calidris himantopus (Bonaparte)	Stilt Sandpiper	B-STSA
Eurynorhynchus pygmeus (Linnaeus)	Spoonbill Sandpiper	B-SBSA
Tryngites subruficollis (Vieillot)	Buff-breasted Sandpiper	B-BBSA
Philomachus pugnax (Linnaeus)	Ruff	B-RUFF
Limnodromus griseus (Gmelin)	Short-billed Dowitcher	B-SBDO
Limnodromus scolopaceus (Say)	Long-billed Dowitcher	B-LBDO
Gallinago gallinago (Linnaeus)	Common Snipe	B-COSN
Phalaropus tricolor (Vieillot)	Wilson's Phalarope	B-WIPH
Phalaropus lobatus (Linnaeus)	Red-necked Phalarope	B-RNPL
Phalaropus fulicaria (Linnaeus)	Red Phalarope	B-REPH

FAMILY **LARIDAE**: Jaegers, Skua, Gulls and Terns

Stercorarius pomarinus (Temminck)	Pomarine Jaeger	B-POJA
Stercorarius parasiticus (Linnaeus)	Parasitic Jaeger	B-PAJA
Stercorarius longicaudus Vieillot	Long-tailed Jaeger	B-LTJA
Catharacta maccormicki (Saunders)	South Polar Skua	B-SPSK
Larus pipixcan Wagler	Franklin's Gull	B-FRGU
Larus minutus Pallas	Little Gull	B-LIGU
Larus ridibundus Linnaeus	Common Black-headed Gull	B-CBHG
Larus philadelphia (Ord)	Bonaparte's Gull	B-BOGU
Larus heermanni Cassin	Heermann's Gull	B-HEEG
Larus canus Linnaeus	Mew Gull	B-MEGU
Larus delawarensis Ord	Ring-billed Gull	B-RBGU
Larus californicus Lawrence	California Gull	B-CAGU
Larus argentatus Pontoppidan	Herring Gull	B-HEGU
Larus thayeri Brooks	Thayer's Gull	B-THGU
Larus glaucoides Meyer	Iceland Gull	B-ICGU
Larus schistisagus Stejneger	Slaty-backed Gull	B-SBGU
Larus occidentalis Audubon	Western Gull	B-WEGU
Larus glaucescens Naumann	Glaucous-winged Gull	B-GWGU
Larus hyperboreus Gunnerus	Glaucous Gull	B-GLGU
Larus marinus Linnaeus	Great Black-backed Gull	B-GBBG
Rissa tridactyla (Linnaeus)	Black-legged Kittiwake	B-BLKI
Rhodostethia rosea (MacGillivray)	Ross' Gull	B-ROGU
Xema sabini (Sabine)	Sabine's Gull	B-SAGU
Pagophila eburnea (Phipps)	Ivory Gull	B-IVGU
Sterna caspia Pallas	Caspian Tern	B-CATE
Sterna elegans Gambel	Elegant Tern	B-ELTE
Sterna hirundo Linnaeus	Common Tern	B-COTE
Sterna paradisaea Pontoppidan	Arctic Tern	B-ARTE

Sterna forsteri Nuttall	Forster's Tern	B-FOTE
Sterna aleutica Baird	Aleutian Tern	B-ALTE
Chlidonias niger (Linnaeus)	Black Tern	B-BLTE
FAMILY ALCIDAE: Auks, Murres and Puffins		
Uria aalge Pontoppidan	Common Murre	B-COMU
Uria lomvia (Linnaeus)	Thick-billed Murre	B-TBMU
Cepphus columba Pallas	Pigeon Guillemot	B-PIGU
Brachyramphus marmoratus (Gmelin)	Marbled Murrelet	B-MAMU
Brachyramphus brevirostris (Vigors)	Kittlitz's Murrelet	B-KIMU
Synthliboramphus hypoleucus (Xántus de Vesey)	Xantus' Murrelet	B-XAMU
Synthliboramphus antiquus (Gmelin)	Ancient Murrelet	B-ANMU
Ptychoramphus aleuticus (Pallas)	Cassin's Auklet	B-CAAU
Cyclorrhynchus psittacula (Pallas)	Parakeet Auklet	B-PAAU
Aethia cristatella (Pallas)	Crested Auklet	B-CRAU
Cerorhinca monocerata (Pallas)	Rhinoceros Auklet	B-RHAU
Fratercula cirrhata (Pallas)	Tufted Puffin	B-TUPU
Fratercula corniculata (Naumann)	Horned Puffin	B-HOPU

ORDER COLUMBIDAE: Pigeons and Doves

FAMILY COLUMBIDAE: Pigeons and Doves		
†*Columba livia* Gmelin	Rock Dove	B-RODO
Columba fasciata Say	Band-tailed Pigeon	B-BTPI
Zenaida asiatica (Linnaeus)	White-winged Dove	B-WWDO
Zenaida macroura (Linnaeus)	Mourning Dove	B-MODO
Ectopistes migratorius (Linnaeus)	Passenger Pigeon	B-PAPI

ORDER CUCULIFORMES: Cuckoos and Allies

FAMILY CUCULIDAE: Cuckoos		
Coccyzus erythropthalmus (Wilson)	Black-billed Cuckoo	B-BBCU
Coccyzus americanus (Linnaeus)	Yellow-billed Cuckoo	B-YBCU

ORDER STRIGIFORMES: Owls

FAMILY TYTONIDAE: Barn Owls		
Tyto alba (Scopoli)	Barn Owl	B-BNOW
FAMILY STRIGIDAE: Typical Owls		
Otus flammeolus (Kaup)	Flammulated Owl	B-FLOW
Otus kennicottii (Elliot)	Western Screech-Owl	B-WSOW
Bubo virginianus (Gmelin)	Great Horned Owl	B-GHOW
Nyctea scandiaca (Linnaeus)	Snowy Owl	B-SNOW
Surnia ulula (Linnaeus)	Northern Hawk Owl	B-NHOW
Glaucidium gnoma Wagler	Northern Pygmy-Owl	B-NPOW
Athene cunicularia (Molina)	Burrowing Owl	B-BUOW
Strix occidentalis (Xántus de Vesey)	Spotted Owl	B-SPOW
Strix varia Barton	Barred Owl	B-BAOW
Strix nebulosa Forster	Great Gray Owl	B-GGOW
Asio otus (Linnaeus)	Long-eared Owl	B-LEOW
Asio flammeus (Pontoppidan)	Short-eared Owl	B-SEOW
Aegolius funereus (Linnaeus)	Boreal Owl	B-BOOW
Aegolius acadicus (Gmelin)	Northern Saw-whet Owl	B-NSWO

ORDER CAPRIMULGIFORMES: Goatsuckers and Allies

FAMILY CAPRIMULGIDAE: Goatsuckers		
Chordeiles minor (Forster)	Common Nighthawk	B-CONI
Phalaenoptilus nuttallii (Audubon)	Common Poorwill	B-COPO

ORDER APODIFORMES: Swifts and Hummingbirds

FAMILY APODIDAE: Swifts		
Cypseloides niger (Gmelin)	Black Swift	B-BLSW
Chaetura vauxi (Townsend)	Vaux's Swift	B-VASW
Aeronautes saxatalis (Woodhouse)	White-throated Swift	B-WTSW
FAMILY TROCHILIDAE: Hummingbirds		
Archilochus colubris (Linnaues)	Ruby-throated Hummingbird	B-RTHU
Archilochus alexandri (Bourcier and Mulsant)	Black-chinned Hummingbird	B-BCHU
Calypte anna (Lesson)	Anna's Hummingbird	B-ANHU
Calypte costae (Bourcier)	Costa's Humminbird	B-COHU
Stellula calliope (Gould)	Calliope Hummingbird	B-CAHU
Selasphorus rufus (Gmelin)	Rufous Hummingbird	B-RUHU

ORDER CORACIIFORMES: Kingfishers and Allies

FAMILY ALCEDINIDAE: Kingfishers		
Ceryle alcyon (Linnaeus)	Belted Kingfisher	B-BEKI

ORDER PICIFORMES: Woodpeckers and Allies

FAMILY PICIDAE: Woodpeckers		
Melanerpes lewis (Gray)	Lewis' Woodpecker	B-LEWO
Melanerpes erythrocephalus (Linnaeus)	Red-headed Woodpecker	B-RHWO
Sphyrapicus varius (Linnaeus)	Yellow-bellied Sapsucker	B-YBSA
Sphyrapicus nuchalis Baird	Red-naped Sapsucker	B-RNSA
Sphyrapicus ruber (Gmelin)	Red-breasted Sapsucker	B-RBSA
Sphyrapicus thyroideus (Cassin)	Williamson's Sapsucker	B-WISA
Picoides pubescens (Linnaeus)	Downy Woodpecker	B-DOWO
Picoides villosus (Linnaeus)	Hairy Woodpecker	B-HAWO
Picoides albolarvatus (Cassin)	White-headed Woodpecker	B-WHWO
Picoides tridactylus (Linnaeus)	Three-toed Woodpecker	B-TTWO
Picoides arcticus (Swainson)	Black-backed Woodpecker	B-BBWO
Colaptes auratus (Linnaeus)	Northern Flicker	B-NOFL
Dryocopus pileatus (Linnaeus)	Pileated Woodpecker	B-PIWO

ORDER PASSERIFORMES: Passerine Birds

FAMILY TYRANNIDAE: Tyrant Flycatchers		
Contopus borealis (Swainson)	Olive-sided Flycatcher	B-OSFL
Contopus sordidulus Sclater	Western Wood-Pewee	B-WWPE
Empidonax flaviventris (Baird and Baird)	Yellow-bellied Flycatcher	B-YBFL
Empidonax virescens (Vieillot)	Acadian Flycatcher	B-ACFL
Empidonax alnorum Brewster	Alder Flycatcher	B-ALFL
Empidonax traillii (Audubon)	Willow Flycatcher	B-WIFL
Empidonax minimus (Baird and Baird)	Least Flycatcher	B-LEFL
Empidonax hammondii (Xántus de Vesey)	Hammond's Flycatcher	B-HAFL
Empidonax oberholseri Phillips	Dusky Flycatcher	B-DUFL
Empidonax wrightii Baird	Gray Flycatcher	B-GRFL
Empidonax difficilis Baird	Pacific-slope Flycatcher	B-PSFL
Sayornis nigricans (Swainson)	Black Phoebe	B-BLPH

Sayornis phoebe (Latham)	Eastern Phoebe	B-EAPH
Sayornis saya (Bonaparte)	Say's Phoebe	B-SAPH
Myiarchus cinerascens (Lawrence)	Ash-throated Flycatcher	B-ATFL
Tyrannus melancholichus Vieillot	Tropical Kingbird	B-TRKI
Tyrannus crassirostris Swainson	Thick-billed Kingbird	B-TBKI
Tyrannus verticalis Say	Western Kingbird	B-WEKI
Tyrannus tyrannus (Linnaeus)	Eastern Kingbird	B-EAKI
Tyrannus dominicensis (Gmelin)	Gray Kingbird	B-GRKI
Tyrannus forficatus (Gmelin)	Scissor-tailed Flycatcher	B-STFL
FAMILY ALAUDIDAE: Larks		
†*Alauda arvensis* Linnaeus	Eurasian Skylark	B-EUSK
Eremophila alpestris (Linnaeus)	Horned Lark	B-HOLA
FAMILY HIRUNDINIDAE: Swallows		
Progne subis (Linnaeus)	Purple Martin	B-PUMA
Tachycineta bicolor (Vieillot)	Tree Swallow	B-TRSW
Tachycineta thalassina (Swainson)	Violet-green Swallow	B-VGSW
Stelgidopteryx serripennis (Audubon)	Northern Rough-winged Swallow	B-NRWS
Riparia riparia (Linnaeus)	Bank Swallow	B-BKSW
Hirundo pyrrhonota Vieillot	Cliff Swallow	B-CLSW
Hirundo rustica Linnaeus	Barn Swallow	B-BASW
FAMILY CORVIDAE: Jays, Magpies and Crows		
Perisoreus canadensis (Linnaeus)	Gray Jay	B-GRJA
Cyanocitta stelleri (Gmelin)	Steller's Jay	B-STJA
Cyanocitta cristata (Linnaeus)	Blue Jay	B-BLJA
Aphelocoma coerulescens (Bosc)	Scrub Jay	B-SCJA
Nucifraga columbiana (Wilson)	Clark's Nutcracker	B-CLNU
Pica pica (Linnaeus)	Black-billed Magpie	B-BBMA
Corvus brachyrhynchos Brehm	American Crow	B-AMCR
Corvus caurinus Baird	Northwestern Crow	B-NOCR
Corvus corax Linnaeus	Common Raven	B-CORA
FAMILY PARIDAE: Titmice		
Parus atricapillus Linnaeus	Black-capped Chickadee	B-BCCH
Parus gambeli Ridgway	Mountain Chickadee	B-MOCH
Parus hudsonicus Forster	Boreal Chickadee	B-BOCH
Parus rufescens Townsend	Chestnut-backed Chickadee	B-CBCH
FAMILY AEGITHALIDAE: Bushtits		
Psaltriparus minimus (Townsend)	Bushtit	B-BUSH
FAMILY SITTIDAE: Nuthatches		
Sitta canadensis Linnaeus	Red-breasted Nuthatch	B-RBNU
Sitta carolinensis Latham	White-breasted Nuthatch	B-WBNU
Sitta pygmaea Vigors	Pygmy Nuthatch	B-PYNU
FAMILY CERTHIIDAE: Creepers		
Certhia americana Bonaparte	Brown Creeper	B-BRCR
FAMILY TROGLODYTIDAE: Wrens		
Salpinctes obsoletus (Say)	Rock Wren	B-ROWR
Catherpes mexicanus (Swainson)	Canyon Wren	B-CAWR
Thryomanes bewickii (Audubon)	Bewick's Wren	B-BEWR
Troglodytes aedon Vieillot	House Wren	B-HOWR
Troglodytes troglodytes (Linnaeus)	Winter Wren	B-WIWR
Cistothorus palustris (Wilson)	Marsh Wren	B-MAWR

FAMILY CINCLIDAE: Dippers		
Cinclus mexicanus Swainson	American Dipper	B-AMDI
FAMILY MUSCICAPIDAE: Kinglets, Bluebirds, Thrushes and Allies		
Regulus satrapa Lichtenstein	Golden-crowned Kinglet	B-GCKI
Regulus calendula (Linnaeus)	Ruby-crowned Kinglet	B-RCKI
Polioptila caerulea (Linnaeus)	Blue-gray Gnatcatcher	B-BGGN
Oenanthe oenanthe (Linnaeus)	Northern Wheatear	B-NOWH
Sialia mexicana Swainson	Western Bluebird	B-WEBL
Sialia currucoides (Bechstein)	Mountain Bluebird	B-MOBL
Myadestes townsendi (Audubon)	Townsend's Solitaire	B-TOSO
Catharus fuscescens (Stephens)	Veery	B-VEER
Catharus minimus (Lafresnaye)	Gray-cheeked Thrush	B-GCTH
Catharus ustulatus (Nuttall)	Swainson's Thrush	B-SWTH
Catharus guttatus (Pallas)	Hermit Thrush	B-HETH
Turdus migratorius Linnaeus	American Robin	B-AMRO
Ixoreus naevius (Gmelin)	Varied Thrush	B-VATH
FAMILY MIMIDAE: Mockingbirds, Thrashers and Allies		
Dumetella carolinensis (Linnaeus)	Gray Catbird	B-GRCA
Mimus polyglottos (Linnaeus)	Northern Mockingbird	B-NOMO
Oreoscoptes montanus (Townsend)	Sage Thrasher	B-SATH
Toxostoma rufum (Linnaeus)	Brown Thrasher	B-BRTH
FAMILY MOTACILLIDAE: Wagtails and Pipits		
Montacilla flava Linnaeus	Yellow Wagtail	B-YEWG
Motacilla lugens Gloger	Black-backed Wagtail	B-BBWG
Anthus cervinus (Pallas)	Red-throated Pipit	B-RTPI
Anthus spinoletta (Linnaeus)	Water Pipit	B-WAPI
FAMILY BOMBYCILLIDAE: Waxwings		
Bombycilla garrulus (Linnaeus)	Bohemian Waxwing	B-BOWA
Bombycilla cedrorum Vieillot	Cedar Waxwing	B-CEWA
FAMILY LANIIDAE: Shrikes		
Lanius excubitor Linnaeus	Northern Shrike	B-NOSH
Lanius ludovicianus Linnaeus	Loggerhead Shrike	B-LOSH
FAMILY STURNIDAE: Starlings		
†*Sturnus vulgaris* Linnaeus	European Starling	B-EUST
†*Acridotheres cristatellus* (Linnaeus)	Crested Myna	B-CRMY
FAMILY VIREONIDAE: Vireos		
Vireo solitarius (Wilson)	Solitary Vireo	B-SOVI
Vireo huttoni Cassin	Hutton's Vireo	B-HUVI
Vireo gilvus (Vieillot)	Warbling Vireo	B-WAVI
Vireo philadelphicus (Cassin)	Philadelphia Vireo	B-PHVI
Vireo olivaceus (Linnaeus)	Red-eyed Vireo	B-REVI
FAMILY EMBERIZIDAE: Wood-Warblers, Sparrows, Blackbirds and Allies		
Vermivora peregrina (Wilson)	Tennessee Warbler	B-TEWA
Vermivora celata (Say)	Orange-crowned Warbler	B-OCWA
Vermivora ruficapilla (Wilson)	Nashville Warbler	B-NAWA
Dendroica petechia (Linnaeus)	Yellow Warbler	B-YEWA
Dendroica pensylvanica Linnaeus)	Chestnut-sided Warbler	B-CSWA
Dendroica magnolia (Wilson)	Magnolia Warbler	B-MAWA
Dendroica tigrina (Gmelin)	Cape May Warbler	B-CMWA

Dendroica caerulescens (Gmelin)	Black-throated Blue Warbler	B-BTBW
Dendroica coronata (Linnaeus)	Yellow-rumped Warbler	B-YRWA
Dendroica nigrescens (Townsend)	Black-throated Gray Warbler	B-BTGW
Dendroica townsendi (Townsend)	Townsend's Warbler	B-TOWA
Dendroica virens (Gmelin)	Black-throated Green Warbler	B-BTNW
Dendroica fusca (Müller)	Blackburnian Warbler	B-BLWA
Dendroica palmarum (Gmelin)	Palm Warbler	B-PAWA
Dendroica castanea (Wilson)	Bay-breasted Warbler	B-BBWA
Dendroica striata (Forster)	Blackpoll Warbler	B-BPWA
Mniotilta varia (Linnaeus)	Black-and-white Warbler	B-BAWW
Setophaga ruticilla (Linnaeus)	American Redstart	B-AMRE
Seiurus aurocapillus (Linnaeus)	Ovenbird	B-OVEN
Seiurus noveboracensis (Gmelin)	Northern Waterthrush	B-NOWA
Oporornis agilis (Wilson)	Connecticut Warbler	B-COWA
Oporornis philadelphia (Wilson)	Mourning Warbler	B-MOWA
Oporornis tolmiei (Townsend)	MacGillivray's Warbler	B-MGWA
Geothlypis trichas (Linnaeus)	Common Yellowthroat	B-COYE
Wilsonia pusilla (Wilson)	Wilson's Warbler	B-WIWA
Wilsonia canadensis (Linnaeus)	Canada Warbler	B-CAWA
Myioborus pictus (Swainson)	Painted Redstart	B-PARE
Icteria virens (Linnaeus)	Yellow-breasted Chat	B-YBCH
Piranga olivacea (Gmelin)	Scarlet Tanager	B-SCTA
Piranga ludoviciana (Wilson)	Western Tanager	B-WETA
Pheucticus ludovicianus (Linnaeus)	Rose-breasted Grosbeak	B-RBGR
Pheucticus melanocephalus (Swainson)	Black-headed Grosbeak	B-BHGR
Passerina amoena (Say)	Lazuli Bunting	B-LZBU
Passerina cyanea (Linnaeus)	Indigo Bunting	B-INBU
Spiza americana (Gmelin)	Dickcissel	B-DICK
Pipilo chlorurus (Audubon)	Green-tailed Towhee	B-GTTO
Pipilo erythrophthalmus (Linnaeus)	Rufous-sided Towhee	B-RSTO
Spizella arborea (Wilson)	American Tree Sparrow	B-ATSP
Spizella passerina (Bechstein)	Chipping Sparrow	B-CHSP
Spizella pallida (Swainson)	Clay-colored Sparrow	B-CCSP
Spizella breweri Cassin	Brewer's Sparrow	B-BRSP
Pooecetes gramineus (Gmelin)	Vesper Sparrow	B-VESP
Chondestes grammacus (Say)	Lark Sparrow	B-LASP
Amphispiza bilineata (Cassin)	Black-throated Sparrow	B-BTSP
Amphispiza belli (Cassin)	Sage Sparrow	B-SASP
Calamospiza melanocorys Stejneger	Lark Bunting	B-LABU
Passerculus sandwichensis (Gmelin)	Savannah Sparrow	B-SAVS
Ammodramus bairdii (Audubon)	Baird's Sparrow	B-BASP
Ammodramus savannarum (Gmelin)	Grasshopper Sparrow	B-GRSP
Ammodramus leconteii (Audubon)	Le Conte's Sparrow	B-LCSP
Ammodramus caudacutus (Gmelin)	Sharp-tailed Sparrow	B-STSP
Passerella iliaca (Merrem)	Fox Sparrow	B-FOSP
Melospiza melodia (Wilson)	Song Sparrow	B-SOSP
Melospiza lincolnii (Audubon)	Lincoln's Sparrow	B-LISP
Melospiza georgiana (Latham)	Swamp Sparrow	B-SWSP
Zonotrichia albicollis (Gmelin)	White-throated Sparrow	B-WTSP
Zonotrichia atricapilla (Gmelin)	Golden-crowned Sparrow	B-GCSP
Zonotrichia leucophrys (Forster)	White-crowned Sparrow	B-WCSP
Zonotrichia querula (Nuttall)	Harris' Sparrow	B-HASP
Junco hyemalis (Linnaeus)	Dark-eyed Junco	B-DEJU
Calcarius mccownii (Lawrence)	McCown's Longspur	B-MCLO
Calcarius lapponicus (Linnaeus)	Lapland Longspur	B-LALO
Calcarius pictus (Swainson)	Smith's Longspur	B-SMLO
Calcarius ornatus (Townsend)	Chestnut-collared Longspur	B-CCLO
Emberiza rustica Pallas	Rustic Bunting	B-RUBU

Plectrophenax nivalis (Linnaeus)	Snow Bunting	B-SNBU
Plectrophenax hyperboreus Ridgway	McKay's Bunting	B-MCBU
Dolichonyx oryzivorus (Linnaeus)	Bobolink	B-BOBO
Agelaius phoeniceus (Linnaeus)	Red-winged Blackbird	B-RWBL
Sturnella neglecta Audubon	Western Meadowlark	B-WEME
Xanthocephalus xanthocephalus (Bonaparte)	Yellow-headed Blackbird	B-YHBL
Euphagus carolinus (Müller)	Rusty Blackbird	B-RUBL
Euphagus cyanocephalus (Wagler)	Brewer's Blackbird	B-BRBL
Quiscalus mexicanus (Gmelin)	Great-tailed Grackle	B-GTGR
Quiscalus quiscula (Linnaeus)	Common Grackle	B-COGR
Molothrus ater (Boddaert)	Brown-headed Cowbird	B-BHCO
Icterus galbula (Linnaeus)	Northern Oriole	B-NOOR
FAMILY FRINGILLIDAE: Finches		
Fringilla montifringilla Linnaeus	Brambling	B-BRAM
Leucosticte arctoa (Pallas)	Rosy Finch	B-ROFI
Pinicola enucleator (Linnaeus)	Pine Grosbeak	B-PIGR
Carpodacus purpureus (Gmelin)	Purple Finch	B-PUFI
Carpodacus cassinii Baird	Cassin's Finch	B-CAFI
Carpodacus mexicanus (Müller)	House Finch	B-HOFI
Loxia curvirostra Linnaeus	Red Crossbill	B-RECR
Loxia leucoptera Gmelin	White-winged Crossbill	B-WWCR
Carduelis flammea (Linnaeus)	Common Redpoll	B-CORE
Carduelis hornemanni Holböll	Hoary Redpoll	B-HORE
Carduelis pinus (Wilson)	Pine Siskin	B-PISI
Carduelis psaltria (Say)	Lesser Goldfinch	B-LEGO
Carduelis tristis (Linnaeus)	American Goldfinch	B-AMGO
Coccothraustes vespertinus (Cooper)	Evening Grosbeak	B-EVGR
FAMILY PASSERIDAE: Old World Sparrows		
†*Passer domesticus* (Linnaeus)	House Sparrow	B-HOSP

MAMMALS

David Nagorsen

This list includes 144 species of mammals known to have occurred in British Columbia prior to January 1989. Common and scientific names and the arrangement of orders follow Nagorsen (in press), which largely conforms to Honacki, Kinmen and Koeppl (1982) and Jones et al. (1986). Families within an order, genera within a family and species of a genus are all arranged alphabetically.

CLASS MAMMALIA: Mammals

ORDER MARSUPIALIA: Marsupials

FAMILY DIDELPHIDAE: New World Opossums		
†*Didelphis virginiana* Kerr	North American Opossum	M-DIVI

ORDER INSECTIVORA: Insectivores

FAMILY SORICIDAE: Shrews		
Sorex arcticus Kerr	Black-backed Shrew	M-SOAR
Sorex bendirii (Merriam)	Pacific Water Shrew	M-SOBE
Sorex cinereus Kerr	Common Shrew	M-SOCI
Sorex hoyi Baird	Pygmy Shrew	M-SOHO
Sorex monticolus Merriam	Dusky Shrew	M-SOMO
Sorex palustrus Richardson	Water Shrew	M-SOPA
Sorex trowbridgii Baird	Trowbridge's Shrew	M-SOTR
Sorex tundrensis Merriam	Tundra Shrew	M-SOTU
Sorex vagrans Baird	Vagrant Shrew	M-SOVA
FAMILY TALPIDAE: Moles		
Neurotrichus gibbsii (Baird)	Shrew-mole	M-NEGI
Scapanus orarius True	Coast Mole	M-SCOR
Scapanus townsendii (Bachman)	Townsend's Mole	M-SCTO

ORDER CHIROPTERA: Bats

FAMILY MOLOSSIDAE: Molossid Bats		
Nyctinomops macrotis (Gray)	Big Free-tailed Bat	M-NYMA
FAMILY VESPERTILIONIDAE: Vespertilionid Bats		
Antrozous pallidus (Le Conte)	Pallid Bat	M-ANPA
Eptesicus fuscus (Palisot de Beauvois)	Big Brown Bat	M-EPFU
Euderma maculatum (J.A. Allen)	Spotted Bat	M-EUMA
Lasionycteris noctivagans (Le Conte)	Silver-haired Bat	M-LANO
Lasiurus blossevilli (Lesson and Garnot)	Southern Red Bat	M-LABL
Lasiurus cinereus (Palisot de Beauvois)	Hoary Bat	M-LACI
Myotis californicus (Audubon and Bachman)	California Myotis	M-MYCA
Myotis ciliolabrum (Merriam)	Western Small-footed Myotis	M-MYCI
Myotis evotis (H. Allen)	Western Long-eared Myotis	M-MYEV

Myotis keenii (Merriam)	Keen's Long-eared Myotis	M-MYKE
Myotis lucifugus (Le Conte)	Little Brown Myotis	M-MYLU
Myotis septentrionalis (Trouessart)	Northern Long-eared Myotis	M-MYSE
Myotis thysanodes Miller	Fringed Myotis	M-MYTH
Myotis volans (H. Allen)	Long-legged Myotis	M-MYVO
Myotis yumanensis (H. Allen)	Yuma Myotis	M-MYYU
Plecotus townsendii Cooper	Townsend's Big-eared Bat	M-PLTO

ORDER **PRIMATES**: Primates

FAMILY **HOMINIDAE**: Hominids

Homo sapiens Linnaeus	Man	M-HOSA

ORDER **LAGOMORPHA**: Lagomorphs

FAMILY **LEPORIDAE**: Hares and Rabbits

Lepus americanus Erxleben	Snowshoe Hare	M-LEAM
Lepus townsendii Bachman	White-tailed Jackrabbit	M-LETO
†*Oryctolagus cuniculus* (Linnaeus)	European Rabbit	M-ORCU
†*Sylvilagus floridanus* (J.A. Allen)	Eastern Cottontail	M-SYFL
Sylvilagus nuttallii (Bachman)	Nuttall's Cottontail	M-SYNU

FAMILY **OCHOTONIDAE**: Pikas

Ochotona collaris (Nelson)	Collared Pika	M-OCCO
Ochotona princeps (Richardson)	Common Pika	M-OCPR

ORDER **RODENTIA**: Rodents

FAMILY **APLODONTIDAE**: Mountain Beavers

Aplodontia rufa (Rafinesque)	Mountain Beaver	M-APRU

FAMILY **ARVICOLIDAE**: Voles and Lemmings

Clethrionomys gapperi (Vigors)	Southern Red-backed Vole	M-CLGA
Clethrionomys rutilus (Pallas)	Northern Red-backed Vole	M-CLRU
Lemmus sibiricus (Kerr)	Brown Lemming	M-LESI
Microtus longicaudus (Merriam)	Long-tailed Vole	M-MILO
Microtus montanus (Peale)	Montane Vole	M-MIMO
Microtus oeconomus (Pallas)	Tundra Vole	M-MIOE
Microtus oregoni (Bachman)	Creeping Vole	M-MIOR
Microtus pennsylvanicus (Ord)	Meadow Vole	M-MIPE
Microtus richardsoni (DeKay)	Water Vole	M-MIRI
Microtus townsendii (Bachman)	Townsend's Vole	M-MITO
Ondatra zibethicus (Linnaeus)	Muskrat	M-ONZI
Phenacomys intermedius Merriam	Heather Vole	M-PHIN
Synaptomys borealis (Richardson)	Northern Bog Lemming	M-SYBO

FAMILY **CASTORIDAE**: Beavers

Castor canadensis Kuhl	Beaver	M-CACA

FAMILY **CRICETIDAE**: Cricetids

Neotoma cinerea (Ord)	Bushy-tailed Woodrat	M-NECI
Peromyscus maniculatus (Wagner)	Deer Mouse	M-PEMA
Peromyscus oreas Bangs	Columbian Mouse	M-PEOR
Peromyscus sitkensis Merriam	Sitka Mouse	M-PESI
Reithrodontomys megalotis (Baird)	Western Harvest Mouse	M-REME

FAMILY **ERETHIZONTIDAE**: New World Porcupines

Erethizon dorsatum (Linnaeus)	Porcupine	M-ERDO

FAMILY GEOMYIDAE: Pocket Gophers		
Thomomys talpoides (Richardson)	Northern Pocket Gopher	M-THTA
FAMILY HETEROMYIDAE: Heteromyids		
Perognathus parvus (Peale)	Great Basin Pocket Mouse	M-PEPA
FAMILY MURIDAE: Murids		
†*Mus musculus* Linnaeus	House Mouse	M-MUMU
†*Rattus norvegicus* (Berkenhout)	Norway Rat	M-RANO
†*Rattus rattus* (Linnaeus)	Black Rat	M-RARA
FAMILY MYOCASTORIDAE: Myocastorids		
†*Myocastor coypus* (Molina)	Nutria	M-MYCO
FAMILY SCIURIDAE: Squirrels		
Glaucomys sabrinus (Shaw)	Northern Flying Squirrel	M-GLSA
Marmota caligata (Eschscholtz)	Hoary Marmot	M-MACA
Marmota flaviventris (Audubon and Bachman)	Yellow-bellied Marmot	M-MAFL
Marmota monax (Linnaeus)	Woodchuck	M-MAMO
Marmota vancouverensis Swarth	Vancouver Island Marmot	M-MAVA
†*Sciurus carolinensis* Gmelin	Gray Squirrel	M-SCCA
†*Sciurus niger* Linnaeus	Fox Squirrel	M-SCNI
Spermophilus columbianus (Ord)	Columbian Ground Squirrel	M-SPCO
Spermophilus lateralis (Say)	Golden-mantled Ground Squirrel	M-SPLA
Spermophilus parryii (Richardson)	Arctic Ground Squirrel	M-SPPA
Spermophilus saturatus (Rhoads)	Cascade Mantled Ground Squirrel	M-SPSA
Tamias amoenus J.A. Allen	Yellow-pine Chipmunk	M-TAAM
Tamias minimus Bachman	Least Chipmunk	M-TAMI
Tamias ruficaudus (A.H. Howell)	Red-tailed Chipmunk	M-TARU
Tamias townsendii Bachman	Townsend's Chipmunk	M-TATO
Tamiasciurus douglasii (Bachman)	Douglas' Squirrel	M-TADO
Tamiasciurus hudsonicus (Erxleben)	Red Squirrel	M-TAHU
FAMILY ZAPODIDAE: Jumping Mice		
Zapus hudsonius (Zimmermann)	Meadow Jumping Mouse	M-ZAHU
Zapus princeps J.A. Allen	Western Jumping Mouse	M-ZAPR
Zapus trinotatus Rhoads	Pacific Jumping Mouse	M-ZATR
ORDER CARNIVORA: Carnivores		
FAMILY CANIDAE: Canids		
Canis latrans Say	Coyote	M-CALA
Canis lupus Linnaeus	Gray Wolf	M-CALU
Vulpes vulpes (Linnaeus)	Red Fox	M-VUVU
FAMILY FELIDAE: Cats		
Felis concolor Linnaeus	Cougar	M-FECO
Lynx canadensis Kerr	Lynx	M-LYCA
Lynx rufus (Schreber)	Bobcat	M-LYRU
FAMILY MUSTELIDAE: Mustelids		
Enhydra lutris (Linnaeus)	Sea Otter	M-ENLU
Gulo gulo (Linnaeus)	Wolverine	M-GUGU
Lontra canadensis (Schreber)	River Otter	M-LOCA
Martes americana (Turton)	Marten	M-MAAM
Martes pennanti (Erxleben)	Fisher	M-MAPE
Mephitis mephitis (Schreber)	Striped Skunk	M-MEME
Mustela erminea Linnaeus	Ermine	M-MUER

Mustela frenata Lichtenstein	Long-tailed Weasel	M-MUFR
Mustela nivalis Linnaeus	Least Weasel	M-MUNI
Mustela vison Schreber	Mink	M-MUVI
Spilogale putorius Linnaeus	Spotted Skunk	M-SPPU
Taxidea taxus (Schreber)	Badger	M-TATA
FAMILY OTARIIDAE: Eared Seals		
Callorhinus ursinus (Linnaeus)	Northern Fur Seal	M-CAUR
Eumetopias jubatus (Schreber)	Northern Sea Lion	M-EUJU
Zalophus californianus (Lesson)	California Sea Lion	M-ZACA
FAMILY PHOCIDAE: Hair Seals		
Mirounga angustirostris (Gill)	Northern Elephant Seal	M-MIAN
Phoca vitulina Linnaeus	Harbor Seal	M-PHVI
FAMILY PROCYONIDAE: Procyonids		
Procyon lotor (Linnaeus)	Raccoon	M-PRLO
FAMILY URSIDAE: Bears		
Ursus americanus Pallas	Black Bear	M-URAM
Ursus arctos Linnaeus	Grizzly Bear	M-URAR
ORDER CETACEA: Whales		
FAMILY BALAENIDAE: Right Whales		
Balaena glacialis Muller	Right Whale	M-BAGL
FAMILY BALAENOPTERIDAE: Rorquals		
Balaenoptera acutorostrata Lacepede	Minke Whale	M-BAAC
Balaenoptera borealis Lesson	Sei Whale	M-BABO
Balaenoptera musculus (Linnaeus)	Blue Whale	M-BAMU
Balaenoptera physalus (Linnaeus)	Fin Whale	M-BAPH
Megaptera novaeangliae (Borowski)	Humpback Whale	M-MENO
FAMILY DELPHINIDAE: Delphinids		
Delphinus delphis Linnaeus	Saddle-backed Dolphin	M-DEDE
Globicephala macrorhynchus Gray	Short-finned Pilot Whale	M-GLMA
Grampus griseus (G. Cuvier)	Risso's Dolphin	M-GRGR
Lagenorhynchus obliquidens Gill	Pacific White-sided Dolphin	M-LAOB
Lissodelphis borealis (Peale)	Northern Right-whale Dolphin	M-LIBO
Orcinus orca (Linnaeus)	Killer Whale	M-ORCA
Pseudorca crassidens (Owen)	False Killer Whale	M-PSCR
Stenella coeruleoalba (Meyen)	Striped Dolphin	M-STCO
FAMILY ESCHRICHTIDAE: Gray Whales		
Eschrichtius robustus (Lilljeborg)	Gray Whale	M-ESRO
FAMILY PHOCOENIDAE: Porpoises		
Phocoena phocoena (Linnaeus)	Harbor Porpoise	M-PHPH
Phocoenoides dalli (True)	Dall's Porpoise	M-PHDA
FAMILY PHYSETERIDAE: Sperm Whales		
Kogia simus (Owen)	Dwarf Sperm Whale	M-KOSI
Physeter macrocephalus Linnaeus	Sperm Whale	M-PHMA
FAMILY ZIPHIIDAE: Beaked Whales		
Berardius bairdii Stejneger	North Pacific Bottle-nosed Whale	M-BEBA
Mesoplodon carlhubbsi Moore	Arch-beaked Whale	M-MECA

Mesoplodon stejnegeri True	Bering Sea Beaked Whale	M-MEST
Ziphius cavirostris G. Cuvier	Goose-beaked Whale	M-ZICA

ORDER **ARTIODACTYLA**: Even-toed Ungulates

FAMILY BOVIDAE: Bovids		
Bison bison [15] (Linnaeus)	Bison	M-BIBI
Oreamnos americanus (Blainville)	Mountain Goat	M-ORAM
Ovis canadensis [16] Shaw	Bighorn Sheep	M-OVCA
Ovis dalli [17]Nelson	Thinhorn Sheep	M-OVDA
FAMILY CERVIDAE: Cervids		
Alces alces (Linnaeus)	Moose	M-ALAL
†*Cervus dama* Linnaeus	Fallow Deer	M-CEDA
Cervus elaphus [18] Linnaeus	Elk	M-CEEL
Odocoileus hemionus [19] (Rafinesque)	Mule Deer	M-ODHE
Odocoileus virginiana (Zimmermann)	White-tailed Deer	M-ODVI
Rangifer tarandus (Linnaeus)	Caribou	M-RATA

[15]Includes the Wood Bison (*B. b. athabascae*) and Plains Bison (*B. b. bison*) subspecies.

[16]Includes the California Bighorn (*O. c. californiana*) and Rocky Mountain Bighorn (*O. c. canadensis*) subspecies.

[17]Includes the Dall Sheep (*O. d. dalli*) and Stone Sheep (*O. d. stonei*) subspecies.

[18]Includes the Rocky Mountain Elk (*C. e. nelsoni*) and Roosevelt Elk (*C. e. roosevelti*) subspecies.

[19]Includes the Black-tailed Deer (*O. h. columbianus*) , Interior Mule Deer (*O. h. hemionus*) and Sitka Deer (*O. h. sitkensis*) subspecies.

ALPHABETICAL SEQUENCE BY ENGLISH NAMES

This list is ordered alphabetically by English names for all British Columbia vertebrates. Associated scientific names and species codes are also provided.

Abyssal Eelpout	*Pachycara bulbiceps*	F-PABU
Abyssal Grenadier	*Coryphaenoides armatus*	F-COAM
Abyssal Snailfish	*Careproctus ovigerum*	F-CAOV
Acadian Flycatcher	*Empidonax virescens*	B-ACFL
Alaska Eelpout	*Bothrocara pusillum*	F-BOPU
Albacore	*Thunnus alalunga*	F-THAL
Alder Flycatcher	*Empidonax alnorum*	B-ALFL
Aleutian Tern	*Sterna aleutica*	B-ALTE
American Avocet	*Recurvirostra americana*	B-AMAV
American Bittern	*Botaurus lentiginosus*	B-AMBI
American Black Duck	*Anas rubripes*	B-ABDU
American Bullfrog	*Rana catesbeiana*	A-RACA
American Coot	*Fulica americana*	B-AMCO
American Crow	*Corvus brachyrhynchos*	B-AMCR
American Dipper	*Cinclus mexicanus*	B-AMDI
American Goldfinch	*Carduelis tristis*	B-AMGO
American Kestrel	*Falco sparverius*	B-AMKE
American Redstart	*Setophaga ruticilla*	B-AMRE
American Robin	*Turdus migratorius*	B-AMRO
American Shad	*Alosa sapidissima*	F-ALSA
American Smoothtongue	*Bathylagus stilbius*	F-BAST
American Tree Sparrow	*Spizella arborea*	B-ATSP
American White Pelican	*Pelecanus erythrorhynchos*	B-AWPE
American Wigeon	*Anas americana*	B-AMWI
Ancient Murrelet	*Synthliboramphus antiquus*	B-ANMU
Anna's Hummingbird	*Calypte anna*	B-ANHU
Arch-beaked Whale	*Mesoplodon carlhubbsi*	M-MECA
Arctic Grayling	*Thymallus arcticus*	F-THAR
Arctic Ground Squirrel	*Spermophilus parryii*	M-SPPA
Arctic Shanny	*Stichaeus punctatus*	F-STPU
Arctic Tern	*Sterna paradisaea*	B-ARTE
Armorhead Sculpin	*Gymnocanthus galeatus*	F-GYGA
Arrow Goby	*Clevelandia ios*	F-CLIO
Arrowtooth Flounder	*Atheresthes stomias*	F-ATST
Ash-throated Flycatcher	*Myiarchus cinerascens*	B-ATFL
Atka Mackerel	*Pleurogrammus monopterygius*	F-PLMO
Atlantic Salmon	*Salmo salar*	F-SASA
Aurora Rockfish	*Sebastes aurora*	F-SEAR
Badger	*Taxidea taxus*	M-TATA
Baikal Teal	*Anas formosa*	B-BATE
Baird's Sandpiper	*Calidris bairdii*	B-BASA
Baird's Sparrow	*Ammodramus bairdii*	B-BASP
Bald Eagle	*Haliaeetus leucocephalus*	B-BAEA
Band-tailed Pigeon	*Columba fasciata*	B-BTPI
Bank Swallow	*Riparia riparia*	B-BKSW

Bar-tailed Godwit	*Limosa lapponica*	B-BTGO
Barn Owl	*Tyto alba*	B-BNOW
Barn Swallow	*Hirundo rustica*	B-BASW
Barred Owl	*Strix varia*	B-BAOW
Barreleye	*Macropinna microstoma*	F-MAMI
Barrow's Goldeneye	*Bucephala islandica*	B-BAGO
Basking Shark	*Cetorhinus maximus*	F-CEMA
Bay Goby	*Lepidogobius lepidus*	F-LELE
Bay Pipefish	*Syngnathus leptorhynchus*	F-SYLE
Bay-breasted Warbler	*Dendroica castanea*	B-BBWA
Beaver	*Castor canadensis*	M-CACA
Belted Kingfisher	*Ceryle alcyon*	B-BEKI
Bering Sea Beaked Whale	*Mesoplodon stejnegeri*	M-MEST
Bewick's Wren	*Thryomanes bewickii*	B-BEWR
Big Brown Bat	*Eptesicus fuscus*	M-EPFU
Big Free-tailed Bat	*Nyctinomops macrotis*	M-NYMA
Big Skate	*Raja binoculata*	F-RABI
Bigeye Frostfish	*Benthodesmus elongatus*	F-BEEL
Bigeye Poacher	*Bathyagonus pentacanthus*	F-BAPE
Bigfin Eelpout	*Lycodes cortezianus*	F-LYCO
Bigfin Lanternfish	*Symbolophorus californiensis*	F-SYCA
Bighorn Sheep	*Ovis canadensis*	M-OVCA
Bigmouth Sculpin	*Hemitripterus bolini*	F-HEBO
Bigpored Snailfish	*Paraliparis latifrons*	F-PALA
Bigtailed Snailfish	*Osteodiscus cascadiae*	F-OSCA
Bison	*Bison bison*	M-BIBI
Black Bear	*Ursus americanus*	M-URAM
Black Bullhead	*Ictalurus melas*	F-ICME
Black Crappie	*Pomoxis nigromaculatus*	F-PONI
Black Eelpout	*Lycodes diapterus*	F-LYDI
Black Hagfish	*Eptatretus deani*	F-EPDE
Black Oystercatcher	*Haematopus bachmani*	B-BLOY
Black Phoebe	*Sayornis nigricans*	B-BLPH
Black Prickleback	*Xiphister atropurpureus*	F-XIAT
Black Rat	*Rattus rattus*	M-RARA
Black Rockfish	*Sebastes melanops*	F-SEME
Black Scabbardfish	*Aphanopus carbo*	F-APCA
Black Scoter	*Melanitta nigra*	B-BLSC
Black Swift	*Cypseloides niger*	B-BLSW
Black Tern	*Chlidonias niger*	B-BLTE
Black Turnstone	*Arenaria melanocephala*	B-BLTU
Black-and-white Warbler	*Mniotilta varia*	B-BAWW
Black-backed Shrew	*Sorex arcticus*	M-SOAR
Black-backed Wagtail	*Motacilla lugens*	B-BBWG
Black-backed Woodpecker	*Picoides arcticus*	B-BBWO
Black-bellied Plover	*Pluvialis squatarola*	B-BBPL
Black-billed Cuckoo	*Coccyzus erythropthalmus*	B-BBCU
Black-billed Magpie	*Pica pica*	B-BBMA
Black-capped Chickadee	*Parus atricapillus*	B-BCCH
Black-chinned Hummingbird	*Archilochus alexandri*	B-BCHU
Black-footed Albatross	*Diomedea nigripes*	B-BFAL
Black-headed Grosbeak	*Pheucticus melanocephalus*	B-BHGR
Black-legged Kittiwake	*Rissa tridactyla*	B-BLKI
Black-necked Stilt	*Himantopus mexicanus*	B-BNST
Black-throated Blue Warbler	*Dendroica caerulescens*	B-BTBW
Black-throated Gray Warbler	*Dendroica nigrescens*	B-BTGW
Black-throated Green Warbler	*Dendroica virens*	B-BTNW
Black-throated Sparrow	*Amphispiza bilineata*	B-BTSP

Black-vented Shearwater	*Puffinus opisthomelas*	B-BVSH
Blackbelly Eelpout	*Lycodes pacificus*	F-LYPC
Blackburnian Warbler	*Dendroica fusca*	B-BLWA
Blacked-crowned Night-Heron	*Nycticorax nycticorax*	B-BCNH
Blackeye Goby	*Coryphopterus nicholsi*	F-CONI
Blackfin Blobsculpin	*Malacocottus kincaidi*	F-MAKI
Blackfin Poacher	*Bathyagonus nigripinnis*	F-BANI
Blackmouth Slipskin	*Lycodapus fierasfer*	F-LYFI
Blackpoll Warbler	*Dendroica striata*	B-BPWA
Blacktail Snailfish	*Careproctus melanurus*	F-CAME
Blacktip Poacher	*Xeneretmus latifrons*	F-XELA
Blue Grouse	*Dendragapus obscurus*	B-BLGR
Blue Jay	*Cyanocitta cristata*	B-BLJA
Blue Rockfish	*Sebastes mystinus*	F-SEMY
Blue Shark	*Prionace glauca*	F-PRGL
Blue Whale	*Balaenoptera musculus*	M-BAMU
Blue-eyed Searcher	*Bathymaster signatus*	F-BASI
Blue-gray Gnatcatcher	*Polioptila caerulea*	B-BGGN
Blue-winged Teal	*Anas discors*	B-BWTE
Bluebarred Prickleback	*Plectobranchus evides*	F-PLEV
Bluefin Searcher	*Bathymaster caeruleofasciatus*	F-BACA
Bluefin Tuna	*Thunnus thynnus*	F-THTH
Bluespotted Poacher	*Xeneretmus triacanthus*	F-XETR
Bluethroat Argentine	*Nansenia candida*	F-NACA
Bobcat	*Lynx rufus*	M-LYRU
Bobolink	*Dolichonyx oryzivorus*	B-BOBO
Bocaccio	*Sebastes paucispinis*	F-SEPA
Bohemian Waxwing	*Bombycilla garrulus*	B-BOWA
Bonaparte's Gull	*Larus philadelphia*	B-BOGU
Boreal Chickadee	*Parus hudsonicus*	B-BOCH
Boreal Owl	*Aegolius funereus*	B-BOOW
Bottlelight	*Danaphos oculatus*	F-DAOC
Brambling	*Fringilla montifringilla*	B-BRAM
Brandt's Cormorant	*Phalacrocorax penicillatus*	B-BRCO
Brant	*Branta bernicla*	B-BRAN
Brassy Minnow	*Hybognathus hankinsoni*	F-HYHA
Brewer's Blackbird	*Euphagus cyanocephalus*	B-BRBL
Brewer's Sparrow	*Spizella breweri*	B-BRSP
Bridgelip Sucker	*Catostomus columbianus*	F-CACO
Bristle-thighed Curlew	*Numenius tahitiensis*	B-BTCU
Broad Skate	*Raja badia*	F-RABA
Broad Whitefish	*Coregonus nasus*	F-CONA
Broad-winged Hawk	*Buteo platypterus*	B-BWHA
Broadfin Lanternfish	*Lampanyctus ritteri*	F-LARI
Brook Lamprey	*Lampetra richardsoni*	F-LARC
Brook Stickleback	*Culaea inconstans*	F-CUIN
Brook Trout	*Salvelinus fontinalis*	F-SAFO
Brown Bullhead	*Ictalurus nebulosus*	F-ICNE
Brown Cat Shark	*Apristurus brunneus*	F-APBR
Brown Creeper	*Certhia americana*	B-BRCR
Brown Irish Lord	*Hemilepidotus spinosus*	F-HESP
Brown Lemming	*Lemmus sibiricus*	M-LESI
Brown Pelican	*Pelecanus occidentalis*	B-BRPE
Brown Rockfish	*Sebastes auriculatus*	F-SEAU
Brown Thrasher	*Toxostoma rufum*	B-BRTH
Brown Trout	*Salmo trutta*	F-SATR
Brown-headed Cowbird	*Molothrus ater*	B-BHCO
Buff-breasted Sandpiper	*Tryngites subruficollis*	B-BBSA

Buffalo Sculpin	*Enophrys bison*	F-ENBI
Bufflehead	*Bucephala albeola*	B-BUFF
Bulbous Dreamer	*Oneirodes bulbosus*	F-ONBU
Bull Trout	*Salvelinus confluentus*	F-SACO
Buller's Shearwater	*Puffinus bulleri*	B-BLSH
Burbot	*Lota lota*	F-LOLO
Burrowing Owl	*Athene cunicularia*	B-BUOW
Bushtit	*Psaltriparus minimus*	B-BUSH
Bushy-tailed Woodrat	*Neotoma cinerea*	M-NECI
Butter Sole	*Inopsetta isolepis*	F-INIS
C-O Sole	*Pleuronichthys coenosus*	F-PLCO
Cabezon	*Scorpaenichthys marmoratus*	F-SCMA
Calico Sculpin	*Clinocottus embryum*	F-CLEM
California Gull	*Larus californicus*	B-CAGU
California Headlightfish	*Diaphus theta*	F-DITH
California Myotis	*Myotis californicus*	M-MYCA
California Quail	*Callipepla californica*	B-CAQU
California Sea Lion	*Zalophus californianus*	M-ZACA
Calliope Hummingbird	*Stellula calliope*	B-CAHU
Canada Goose	*Branta canadensis*	B-CAGO
Canada Warbler	*Wilsonia canadensis*	B-CAWA
Canary Rockfish	*Sebastes pinniger*	F-SEPI
Canvasback	*Aythya valisineria*	B-CANV
Canyon Wren	Catherpes *mexicanus*	B-CAWR
Cape May Warbler	*Dendroica tigrina*	B-CMWA
Capelin	*Mallotus villosus*	F-MAVI
Caribou	*Rangifer tarandus*	M-RATA
Carp	*Cyprinus carpio*	F-CYCA
Cascade Mantled Ground Squireel	*Spermophilus saturatus*	M-SPSA
Caspian Tern	*Sterna caspia*	B-CATE
Cassin's Auklet	*Ptychoramphus aleuticus*	B-CAAU
Cassin's Finch	*Carpodacus cassinii*	B-CAFI
Cattle Egret	*Bubulcus ibis*	B-CAEG
Cedar Waxwing	*Bombycilla cedrorum*	B-CEWA
Chestnut-backed Chickadee	*Parus rufescens*	B-CBCH
Chestnut-collared Longspur	*Calcarius ornatus*	B-CCLO
Chestnut-sided Warbler	*Dendroica pensylvanica*	B-CSWA
Chilipepper	*Sebastes goodei*	F-SEGO
China Rockfish	*Sebastes nebulosus*	F-SENE
Chinook Salmon	*Oncorhynchus tshawytscha*	F-ONTS
Chipping Sparrow	*Spizella passerina*	B-CHSP
Chiselmouth	*Acrocheilus alutaceus*	F-ACAL
Chub Mackerel	*Scomber japonicus*	F-SCJA
Chukar	*Alectoris chukar*	B-CHUK
Chum Salmon	*Oncorhynchus keta*	F-ONKE
Cinnamon Teal	*Anas cyanoptera*	B-CITE
Cisco	*Coregonus artedii*	F-COAR
Clark's Grebe	*Aechmophorus clarkii*	B-CLGR
Clark's Nutcracker	*Nucifraga columbiana*	B-CLNU
Clay-colored Sparrow	*Spizella pallida*	B-CCSP
Cliff Swallow	*Hirundo pyrrhonota*	B-CLSW
Close-spine Snipe Eel	*Avocettina infans*	F-AVIN
Clouded Salamander	*Aneides ferreus*	A-ANFE
Coalfish	*Melanonus zugmayeri*	F-MEZU
Coast Mole	*Scapanus orarius*	M-SCOR
Coastrange Sculpin	*Cottus aleuticus*	F-COAL
Coeur d'Alene Salamander	*Plethodon idahoensis*	A-PLID
Coho Salmon	*Oncorhynchus kisutch*	F-ONKI

Collared Pika	*Ochotona collaris*	M-OCCO
Columbian Ground Squirrel	*Spermophilus columbianus*	M-SPCO
Columbian Mouse	*Peromyscus oreas*	M-PEOR
Common Black-headed Gull	*Larus ridibundus*	B-CBHG
Common Eider	*Somateria mollissima*	B-COEI
Common Garter Snake	*Thamnophis sirtalis*	R-THSI
Common Goldeneye	*Bucephala clangula*	B-COGO
Common Grackle	*Quiscalus quiscula*	B-COGR
Common Loon	*Gavia immer*	B-COLO
Common Merganser	*Mergus merganser*	B-COME
Common Moorhen	*Gallinula chloropus*	B-COMO
Common Murre	*Uria aalge*	B-COMU
Common Nighthawk	*Chordeiles minor*	B-CONI
Common Pika	*Ochotona princeps*	M-OCPR
Common Poorwill	*Phalaenoptilus nuttallii*	B-COPO
Common Raven	*Corvus corax*	B-CORA
Common Redpoll	*Carduelis flammea*	B-CORE
Common Shrew	*Sorex cinereus*	M-SOCI
Common Snipe	*Gallinago gallinago*	B-COSN
Common Tern	*Sterna hirundo*	B-COTE
Common Yellowthroat	*Geothlypis trichas*	B-COYE
Connecticut Warbler	*Oporornis agilis*	B-COWA
Cooper's Hawk	*Accipiter cooperii*	B-COHA
Copper Rockfish	*Sebastes caurinus*	F-SECA
Costa's Humminbird	*Calypte costae*	B-COHU
Cougar	*Felis concolor*	M-FECO
Coyote	*Canis latrans*	M-CALA
Creeping Vole	*Microtus oregoni*	M-MIOR
Crescent Gunnel	*Pholis laeta*	F-PHLA
Crested Auklet	*Aethia cristatella*	B-CRAU
Crested Myna	*Acridotheres cristatellus*	B-CRMY
Crested Ridgehead	*Poromitra crassiceps*	F-POCR
Crested Sculpin	*Blepsias bilobus*	F-BLBI
Crevice Kelpfish	*Gibbonsia montereyensis*	F-GIMO
Crossthroat Sawpalate	*Serrivomer jesperseni*	F-SEJE
Curlew Sandpiper	*Calidris ferruginea*	B-CUSA
Curlfin Sole	*Pleuronichthys decurrens*	F-PLDE
Cuskpout	*Derepodichthys alepidotus*	F-DEAL
Cutfin Poacher	*Xeneretmus leiops*	F-XELE
Cutthroat Trout	*Salmo clarki*	F-SACL
Daggertooth	*Anotopterus pharao*	F-ANPH
Dall's Porpoise	*Phocoenoides dalli*	M-PHDA
Dark-eyed Junco	*Junco hyemalis*	B-DEJU
Darkblotch Rockfish	*Sebastes crameri*	F-SECR
Darter Sculpin	*Radulinus boleoides*	F-RABO
Daubed Blenny	*Lumpenus maculatus*	F-LUMA
Decorated Warbonnet	*Chirolophis decoratus*	F-CHDE
Deepsea Skate	*Bathyraja abyssicola*	F-BAAB
Deepsea Sole	*Embassichthys bathybius*	F-EMBA
Deepwater Slipskin	*Lycodapus endemoscotus*	F-LYEN
Deer Mouse	*Peromyscus maniculatus*	M-PEMA
Dickcissel	*Spiza americana*	B-DICK
Dogtooth Lanternfish	*Ceratoscopelus townsendi*	F-CETO
Dolly Varden	*Salvelinus malma*	F-SAMA
Doubled-crested Cormorant	*Phalacrocorax auritus*	B-DCCO
Douglas' Squirrel	*Tamiasciurus douglasii*	M-TADO
Dover Sole	*Microstomus pacificus*	F-MIPA
Downy Woodpecker	*Picoides pubescens*	B-DOWO

Duckbill Barracudina	*Paralepis atlantica*	F-PAAT
Dunlin	*Calidris alpina*	B-DUNL
Dusky Flycatcher	*Empidonax oberholseri*	B-DUFL
Dusky Rockfish	*Sebastes ciliatus*	F-SECI
Dusky Sculpin	*Icelinus burchami*	F-ICBU
Dusky Shrew	*Sorex monticolus*	M-SOMO
Dusky Snailfish	*Liparis gibbus*	F-LIGI
Dwarf Sperm Whale	*Kogia simus*	M-KOSI
Dwarf Wrymouth	*Lyconectes aleutensis*	F-LYAL
Eared Grebe	*Podiceps nigricollis*	B-EAGR
Eastern Cottontail	*Sylvilagus floridanus*	M-SYFL
Eastern Kingbird	*Tyrannus tyrannus*	B-EAKI
Eastern Phoebe	*Sayornis phoebe*	B-EAPH
Elegant Tern	*Sterna elegans*	B-ELTE
Elk	*Cervus elaphus*	M-CEEL
Emerald Shiner	*Notropis atherinoides*	F-NOAT
Emperor Goose	*Chen canagica*	B-EMGO
English Sole	*Parophrys vetulus*	F-PAVE
Ensatina Salamander	*Ensatina eschscholtzii*	A-ENES
Ermine	*Mustela erminea*	M-MUER
Eulachon	*Thaleichthys pacificus*	F-THPA
Eurasian Kestrel	*Falco tinnunculus*	B-EUKE
Eurasian Skylark	*Alauda arvensis*	B-EUSK
Eurasian Wigeon	*Anas penelope*	B-EUWI
European Rabbit	*Oryctolagus cuniculus*	M-ORCU
European Starling	*Sturnus vulgaris*	B-EUST
Evening Grosbeak	*Coccothraustes vespertinus*	B-EVGR
Fallow Deer	*Cervus dama*	M-CEDA
False Killer Whale	*Pseudorca crassidens*	M-PSCR
Far Eastern Curlew	*Numenius madagascariensis*	B-FECU
Ferruginous Hawk	*Buteo regalis*	B-FEHA
Filamented Grenadier	*Coryphaenoides filifer*	F-COFI
Fin Whale	*Balaenoptera physalus*	M-BAPH
Finescale Dace	*Chrosomus neogaeus*	F-CHNE
Fisher	*Martes pennanti*	M-MAPE
Flabby Ridgehead	*Scopelogadus mizolepis*	F-SCMI
Flammulated Owl	*Otus flammeolus*	B-FLOW
Flathead Chub	*Platygobio gracilis*	F-PLGR
Flathead Minnow	*Pimephales promelas*	F-PIPR
Flathead Sole	*Hippoglossoides elassodon*	F-HIEL
Flesh-footed Shearwater	*Puffinus carneipes*	B-FFSH
Fluffy Sculpin	*Oligocottus snyderi*	F-OLSN
Fork-tailed Storm-Petrel	*Oceanodroma furcata*	B-FTSP
Forster's Tern	*Sterna forsteri*	B-FOTE
Fourhorn Poacher	*Hypsagonus quadricornis*	F-HYQU
Fox Sparrow	*Passerella iliaca*	B-FOSP
Fox Squirrel	*Sciurus niger*	M-SCNI
Franklin's Gull	*Larus pipixcan*	B-FRGU
Fringed Myotis	*Myotis thysanodes*	M-MYTH
Fringed Sculpin	*Icelinus fimbriatus*	F-ICFM
Fulvous Whistling-Duck	*Dendrocygna bicolor*	B-FWDU
Gadwall	*Anas strepera*	B-GADW
Garganey	*Anas querquedula*	B-GARG
Garnet Lanternfish	*Stenobrachius nannochir*	F-STNA
Ghostly Eelpout	*Taranetzella lyoderma*	F-TALY
Ghostly Grenadier	*Coryphaenoides leptolepis*	F-COLE
Giant Blobsculpin	*Psychrolutes phrictus*	F-PSPH
Giant Cuskeel	*Spectrunculus grandis*	F-SPGR

Giant Wrymouth	*Delolepis gigantea*	F-DEGI
Glaucous Gull	*Larus hyperboreus*	B-GLGU
Glaucous-winged Gull	*Larus glaucescens*	B-GWGU
Glowingfish	*Neoscopelus macrolepidotus*	F-NEMA
Golden Eagle	*Aquila chrysaetos*	B-GOEA
Golden-crowned Kinglet	*Regulus satrapa*	B-GCKI
Golden-crowned Sparrow	*Zonotrichia atricapilla*	B-GCSP
Golden-mantled Ground Squirrel	*Spermophilus lateralis*	M-SPLA
Goldeye	*Hiodon alosoides*	F-HIAL
Goldfish	*Carassius auratus*	F-CAAU
Goose-beaked Whale	*Ziphius cavirostris*	M-ZICA
Gopher Snake	*Pituophis melanoleucus*	R-PIME
Grasshopper Sparrow	*Ammodramus savannarum*	B-GRSP
Graveldiver	*Scytalina cerdale*	F-SCCE
Gray Catbird	*Dumetella carolinensis*	B-GRCA
Gray Flycatcher	*Empidonax wrightii*	B-GRFL
Gray Jay	*Perisoreus canadensis*	B-GRJA
Gray Kingbird	*Tyrannus dominicensis*	B-GRKI
Gray Partridge	*Perdix perdix*	B-GRPA
Gray Squirrel	*Sciurus carolinensis*	M-SCCA
Gray Starsnout	*Bathyagonus alascanus*	F-BAAL
Gray Whale	*Eschrichtius robustus*	M-ESRO
Gray Wolf	*Canis lupus*	M-CALU
Gray-cheeked Thrush	*Catharus minimus*	B-GCTH
Great Basin Pocket Mouse	*Perognathus parvus*	M-PEPA
Great Basin Spadefoot Toad	*Scaphiopus intermontanus*	A-SCIN
Great Black-backed Gull	*Larus marinus*	B-GBBG
Great Blue Heron	*Ardea herodias*	B-GBHE
Great Egret	*Casmerodius albus*	B-GREG
Great Gray Owl	*Strix nebulosa*	B-GGOW
Great Horned Owl	*Bubo virginianus*	B-GHOW
Great Sculpin	*Myoxocephalus polyacanthocephalus*	F-MYPO
Great White Shark	*Carcharodon carcharius*	F-CACA
Great-tailed Grackle	*Quiscalus mexicanus*	B-GTGR
Greater Scaup	*Aythya marila*	B-GRSC
Greater White-fronted Goose	*Anser albifrons*	B-GWFG
Greater Yellowlegs	*Tringa melanoleuca*	B-GRYE
Green Frog	*Rana clamitans*	A-RACL
Green Sea Turtle	*Chelonia mydas*	R-CHMY
Green Sturgeon	*Acipenser medirostris*	F-ACME
Green-backed Heron	*Butorides striatus*	B-GRHE
Green-tailed Towhee	*Pipilo chlorurus*	B-GTTO
Green-winged Teal	*Anas crecca*	B-GWTE
Greenland Halibut	*Reinhardtius hippolossoides*	F-REHI
Greenstripe Rockfish	*Sebastes elongatus*	F-SEEL
Grizzly Bear	*Ursus arctos*	M-URAR
Ground Snake	*Sonora semiannulata*	R-SOSE
Grunt Sculpin	*Rhamphocottus richardsoni*	F-RHRI
Gyrfalcon	*Falco rusticolus*	B-GYRF
Hairy Woodpecker	*Picoides villosus*	B-HAWO
Halfmoon	*Medialuna californiensis*	F-MECA
Hammond's Flycatcher	*Empidonax hammondii*	B-HAFL
Harbor Porpoise	*Phocoena phocoena*	M-PHPH
Harbor Seal	*Phoca vitulina*	M-PHVI
Harlequin Duck	*Histrionicus histrionicus*	B-HADU
Harlequin Rockfish	*Sebastes variegatus*	F-SEVA
Harris' Sparrow	*Zonotrichia querula*	B-HASP
Heather Vole	*Phenacomys intermedius*	M-PHIN

Heermann's Gull	*Larus heermanni*	B-HEEG
Hermit Thrush	*Catharus guttatus*	B-HETH
Herring Gull	*Larus argentatus*	B-HEGU
High Cockscomb	*Anoplarchus purpurescens*	F-ANPU
Highfin Dragonfish	*Bathophilus flemingi*	F-BAFL
Highlight Hatchetfish	*Sternoptyx pseudobscura*	F-STPS
Highsnout Ridgehead	*Melamphaes lugubris*	F-MELU
Hoary Bat	*Lasiurus cinereus*	M-LACI
Hoary Marmot	*Marmota caligata*	M-MACA
Hoary Redpoll	*Carduelis hornemanni*	B-HORE
Hooded Merganser	*Lophodytes cucullatus*	B-HOME
Horned Grebe	*Podiceps auritus*	B-HOGR
Horned Lark	*Eremophila alpestris*	B-HOLA
Horned Puffin	*Fratercula corniculata*	B-HOPU
House Finch	*Carpodacus mexicanus*	B-HOFI
House Mouse	*Mus musculus*	M-MUMU
House Sparrow	*Passer domesticus*	B-HOSP
House Wren	*Troglodytes aedon*	B-HOWR
Hudsonian Godwit	*Limosa haemastica*	B-HUGO
Humpback Whale	*Megaptera novaeangliae*	M-MENO
Hutton's Vireo	*Vireo huttoni*	B-HUVI
Iceland Gull	*Larus glaucoides*	B-ICGU
Inconnu	*Stenodus leucichthys*	F-STLU
Indigo Bunting	*Passerina cyanea*	B-INBU
Ivory Gull	*Pagophila eburnea*	B-IVGU
Jack Mackerel	*Trachurus symmetricus*	F-TRSY
Javelin Spookfish	*Bathylychnops exilis*	F-BAEX
Javelinfish	*Benthodesmus tenuis*	F-BETE
Keen's Long-eared Myotis	*Myotis keenii*	M-MYKE
Kelp Clingfish	*Rimicola muscarum*	F-RIMU
Kelp Greenling	*Hexagrammos decagrammus*	F-HEDE
Kelp Perch	*Brachyistius frenatus*	F-BRFR
Kelp Poacher	*Agonomalus mozinoi*	F-AGMO
Killdeer	*Charadrius vociferus*	B-KILL
Killer Whale	*Orcinus orca*	M-ORCR
King Eider	*Somateria spectabilis*	B-KIEI
King-of-the-salmon	*Trachipterus altivelis*	F-TRAL
Kittlitz's Murrelet	*Brachyramphus brevirostris*	B-KIMU
Lake Chub	*Couesius plumbeus*	F-COPL
Lake Lamprey	*Lampetra macrostoma*	F-LAMA
Lake Trout	*Salvelinus namaycush*	F-SANA
Lake Whitefish	*Coregonus clupeaformis*	F-COCL
Lamp Grenadier	*Nezumia stelgidolepis*	F-NEST
Lapland Longspur	*Calcarius lapponicus*	B-LALO
Largemouth Bass	*Micropterus salmoides*	F-MISA
Largescale Sucker	*Catostomus macrocheilus*	F-CAMA
Lark Bunting	*Calamospiza melanocorys*	B-LABU
Lark Sparrow	*Chondestes grammacus*	B-LASP
Laysan Albatross	*Diomedea immutabilis*	B-LAAL
Lazuli Bunting	*Passerina amoena*	B-LZBU
Le Conte's Sparrow	*Ammodramus leconteii*	B-LCSP
Leach's Storm-Petrel	*Oceanodroma leucorhoa*	B-LSPE
Least Bittern	*Ixobrychus exilis*	B-LEBI
Least Chipmunk	*Tamias minimus*	M-TAMI
Least Cisco	*Coregonus sardinella*	F-COSR
Least Flycatcher	*Empidonax minimus*	B-LEFL
Least Sandpiper	*Calidris minutilla*	B-LESA
Least Weasel	*Mustela nivalis*	M-MUNI

Leatherback Sea Turtle	*Dermochelys coriacea*	R-DECO
Leister Sculpin	*Enophrys lucasi*	F-ENLU
Leopard Dace	*Rhinichthys falcatus*	F-RHFA
Lesser Golden-Plover	*Pluvialis dominica*	B-LGPL
Lesser Goldfinch	*Carduelis psaltria*	B-LEGO
Lesser Scaup	*Aythya affinis*	B-LESC
Lesser Yellowlegs	*Tringa flavipes*	B-LEYE
Lewis' Woodpecker	*Melanerpes lewis*	B-LEWO
Lincoln's Sparrow	*Melospiza lincolnii*	B-LISP
Lingcod	*Ophiodon elongatus*	F-OPEL
Little Blue Heron	*Egretta caerulea*	B-LBHE
Little Brown Myotis	*Myotis lucifugus*	M-MYLU
Little Gull	*Larus minutus*	B-LIGU
Little Stint	*Calidris minuta*	B-LIST
Lobefin Snailfish	*Liparis greeni*	F-LIGR
Loggerhead Shrike	*Lanius ludovicianus*	B-LOSH
Long-billed Curlew	*Numenius americanus*	B-LBCU
Long-billed Dowitcher	*Limnodromus scolopaceus*	B-LBDO
Long-eared Owl	*Asio otus*	B-LEOW
Long-legged Myotis	*Myotis volans*	M-MYVO
Long-tailed Jaeger	*Stercorarius longicaudus*	B-LTJA
Long-tailed Vole	*Microtus longicaudus*	M-MILO
Long-tailed Weasel	*Mustela frenata*	M-MUFR
Long-toed Salamander	*Ambystoma macrodactylum*	A-AMMA
Longfin Dragonfish	*Tactostoma macropus*	F-TAMA
Longfin Gunnel	*Pholis clemensi*	F-PHCL
Longfin Sculpin	*Jordania zonope*	F-JOZO
Longfin Smelt	*Spirinchus thaleichthys*	F-SPTH
Longnose Dace	*Rhinichthys cataractae*	F-RHCA
Longnose Lancetfish	*Alepisaurus ferox*	F-ALFE
Longnose Skate	*Raja rhina*	F-RARH
Longnose Sucker	*Catostomus catostomus*	F-CACT
Longnose Tapirfish	*Polyacanthonotus challengeri*	F-POCH
Longsnout Prickleback	*Lumpenella longirostris*	F-LULO
Longspine Combfish	*Zaniolepis latipinnus*	F-ZALA
Longspine Thornyhead	*Sebastolobus altivelis*	F-SEAI
Lynx	*Lynx canadensis*	M-LYCA
MacGillivray's Warbler	*Oporornis tolmiei*	B-MGWA
Magnificent Frigatebird	*Fregata magnificens*	B-MAFR
Magnolia Warbler	*Dendroica magnolia*	B-MAWA
Mallard	*Anas platyrhynchos*	B-MALL
Man	*Homo sapiens*	M-HOSA
Manacled Sculpin	*Synchirus gilli*	F-SYGI
Manefish	*Caristius macropus*	F-CAMC
Marbled Godwit	*Limosa fedoa*	B-MAGO
Marbled Murrelet	*Brachyramphus marmoratus*	B-MAMU
Marbled Snailfish	*Liparis dennyi*	F-LIDE
Marsh Wren	*Cistothorus palustris*	B-MAWR
Marten	*Martes americana*	M-MAAM
Masked Greenling	*Hexagrammos octogrammus*	F-HEOC
Matcheek Warbonnet	*Chirolophis tarsodes*	F-CHTA
McCown's Longspur	*Calcarius mccownii*	B-MCLO
McKay's Bunting	*Plectrophenax hyperboreus*	B-MCBU
Meadow Jumping Mouse	*Zapus hudsonius*	M-ZAHU
Meadow Vole	*Microtus pennsylvanicus*	M-MIPE
Medusafish	*Icichthys lockingtoni*	F-ICLO
Merlin	*Falco columbarius*	B-MERL
Mew Gull	*Larus canus*	B-MEGU

Mink	*Mustela vison*	M-MUVI
Minke Whale	*Balaenoptera acutorostrata*	M-BAAC
Montane Vole	*Microtus montanus*	M-MIMO
Moose	*Alces alces*	M-ALAL
Mosshead Sculpin	*Clinocottus globiceps*	F-CLGL
Mosshead Warbonnet	*Chirolophis nugator*	F-CHNU
Mottled Petrel	*Pterodroma inexpectata*	B-MOPE
Mottled Sculpin	*Cottus bairdi*	F-COBA
Mountain Beaver	*Aplodontia rufa*	M-APRU
Mountain Bluebird	*Sialia currucoides*	B-MOBL
Mountain Chickadee	*Parus gambeli*	B-MOCH
Mountain Goat	*Oreamnos americanus*	M-ORAM
Mountain Quail	*Oreortyx pictus*	B-MOQU
Mountain Sucker	*Catostomus platyrhynchus*	F-CAPL
Mountain Whitefish	*Prosopium williamsoni*	F-PRWI
Mourning Dove	*Zenaida macroura*	B-MODO
Mourning Warbler	*Oporornis philadelphia*	B-MOWA
Mule Deer	*Odocoileus hemionus*	M-ODHE
Muskrat	*Ondatra zibethicus*	M-ONZI
Mute Swan	*Cygnus olor*	B-MUSW
Nakedneck Eelpout	*Pachycara gymninium*	F-PAGY
Nashville Warbler	*Vermivora ruficapilla*	B-NAWA
Night Smelt	*Spirinchus starksi*	F-SPST
Night Snake	*Hypsiglena torquata*	R-HYTO
Ninespine Stickleback	*Pungitius pungitius*	F-PUPU
North American Opossum	*Didelphis virginiana*	M-DIVI
North Pacific Bottle-nosed Whale	*Berardius bairdii*	M-BEBA
Northern Alligator Lizard	*Gerrhonotus coeruleus*	R-GECO
Northern Anchovy	*Engraulis mordax*	F-ENMO
Northern Blue Lanternfish	*Tarletonbeania taylori*	F-TATA
Northern Bobwhite	*Colinus virginianus*	B-NOBO
Northern Bog Lemming	*Synaptomys borealis*	M-SYBO
Northern Clingfish	*Gobiesox maeandricus*	F-GOMA
Northern Elephant Seal	*Mirounga angustirostris*	M-MIAN
Northern Flashlightfish	*Protomyctophum thompsoni*	F-PRTH
Northern Flicker	*Colaptes auratus*	B-NOFL
Northern Flying Squirrel	*Glaucomys sabrinus*	M-GLSA
Northern Fulmar	*Fulmarus glacialis*	B-NOFU
Northern Fur Seal	*Callorhinus ursinus*	M-CAUR
Northern Goshawk	*Accipiter gentilis*	B-NOGO
Northern Harrier	*Circus cyaneus*	B-NOHA
Northern Hawk Owl	*Surnia ulula*	B-NHOW
Northern Lanternfish	*Stenobrachius leucopsarus*	F-STLE
Northern Leopard Frog	*Rana pipiens*	A-RAPI
Northern Long-eared Myotis	*Myotis septentrionalis*	M-MYSE
Northern Mockingbird	*Mimus polyglottos*	B-NOMO
Northern Oriole	*Icterus galbula*	B-NOOR
Northern Pearleye	*Benthalbella dentata*	F-BEDE
Northern Pike	*Esox lucius*	F-ESLU
Northern Pintail	*Anas acuta*	B-NOPI
Northern Pocket Gopher	*Thomomys talpoides*	M-THTA
Northern Pygmy-Owl	*Glaucidium gnoma*	B-NPOW
Northern Red-backed Vole	*Clethrionomys rutilus*	M-CLRU
Northern Redbelly Dace	*Chrosomus eos*	F-CHEO
Northern Right-whale Dolphin	*Lissodelphis borealis*	M-LIBO
Northern Ronquil	*Ronquilus jordani*	F-ROJO
Northern Rough-winged Swallow	*Stelgidopteryx serripennis*	B-NRWS
Northern Saw-whet Owl	*Aegolius acadicus*	B-NSWO

Northern Sculpin	*Icelinus borealis*	F-ICBO
Northern Sea Lion	*Eumetopias jubatus*	M-EUJU
Northern Shoveler	*Anas clypeata*	B-NOSL
Northern Shrike	*Lanius excubitor*	B-NOSH
Northern Smoothtongue	*Bathylagus schmidti*	F-BASC
Northern Spearnose Poacher	*Agonopsis vulsa*	F-AGVU
Northern Squawfish	*Ptychocheilus oregonensis*	F-PTOR
Northern Waterthrush	*Seiurus noveboracensis*	B-NOWA
Northern Wheatear	*Oenanthe oenanthe*	B-NOWH
Northwestern Crow	*Corvus caurinus*	B-NOCR
Northwestern Garter Snake	*Thamnophis ordinoides*	R-THOR
Northwestern Salamander	*Ambystoma gracile*	A-AMGR
Norway Rat	*Rattus norvegicus*	M-RANO
Nutria	*Myocastor coypus*	M-MYCO
Nuttall's Cottontail	*Sylvilagus nuttallii*	M-SYNU
Ocean Sunfish	*Mola mola*	F-MOMO
Ocean Whitefish	*Caulolatilus princeps*	F-CAPR
Oldsquaw	*Clangula hyemalis*	B-OLDS
Olive-sided Flycatcher	*Contopus borealis*	B-OSFL
Opah	*Lampris guttatus*	F-LAGU
Orange-crowned Warbler	*Vermivora celata*	B-OCWA
Oreo	*Allocyttus verrucosus*	F-ALVE
Osprey	*Pandion haliaetus*	B-OSPR
Ovenbird	*Seiurus aurocapillus*	B-OVEN
Pacific Barracuda	*Sphyraena argentea*	F-SPAR
Pacific Bonito	*Sarda chiliensis*	F-SACH
Pacific Cod	*Gadus macrocephalus*	F-GAMA
Pacific Electric Ray	*Torpedo californica*	F-TOCA
Pacific Flatnose	*Antimora microlepis*	F-ANMI
Pacific Giant Salamander	*Dicamptodon ensatus*	A-DIEN
Pacific Hagfish	*Eptatretus stouti*	F-EPST
Pacific Hake	*Merluccius productus*	F-MEPR
Pacific Halibut	*Hippoglossus stenolepis*	F-HIST
Pacific Herring	*Clupea harengus*	F-CLHA
Pacific Jumping Mouse	*Zapus trinotatus*	M-ZATR
Pacific Lamprey	*Lampetra tridentata*	F-LATR
Pacific Loon	*Gavia pacifica*	B-PALO
Pacific Ocean Perch	*Sebastes alutus*	F-SEAT
Pacific Pomfret	*Brama japonica*	F-BRJA
Pacific Pompano	*Peprilus simillimus*	F-PESI
Pacific Sand Lance	*Ammodytes hexapterus*	F-AMHE
Pacific Sanddab	*Citharichthys sordidus*	F-CISO
Pacific Sandfish	*Trichodon trichodon*	F-TRTR
Pacific Sardine	*Sardinops sagax*	F-SASG
Pacific Saury	*Cololabis saira*	F-COSA
Pacific Sleeper Shark	*Somniosus pacificus*	F-SOPA
Pacific Snake Prickleback	*Lumpenus sagitta*	F-LUSA
Pacific Softpout	*Melanostigma pammelas*	F-MEPA
Pacific Spiny Lumpsucker	*Eumicrotremus orbis*	F-EUOR
Pacific Tomcod	*Microgadus proximus*	F-MIPR
Pacific Treefrog	*Hyla regilla*	A-HYRE
Pacific Viperfish	*Chauliodus macouni*	F-CHMA
Pacific Water Shrew	*Sorex bendirii*	M-SOBE
Pacific White-sided Dolphin	*Lagenorhynchus obliquidens*	M-LAOB
Pacific-slope Flycatcher	*Empidonax difficilis*	B-PSFL
Padded Sculpin	*Artedius fenestralis*	F-ARFE
Painted Greenling	*Oxylebius pictus*	F-OXPI
Painted Redstart	*Myioborus pictus*	B-PARE

Painted Turtle	*Chrysemys picta*	R-CHPI
Pallid Bat	*Antrozous pallidus*	M-ANPA
Pallid Slipskin	*Lycodapus mandibularis*	F-LYMA
Palm Warbler	*Dendroica palmarum*	B-PAWA
Parakeet Auklet	*Cyclorrhynchus psittacula*	B-PAAU
Parasitic Jaeger	*Stercorarius parasiticus*	B-PAJA
Passenger Pigeon	*Ectopistes migratorius*	B-PAPI
Peamouth Chub	*Mylocheilus caurinus*	F-MYCA
Pearl Dace	*Semotilus margarita*	F-SEMR
Pearly Prickleback	*Bryozoichthys marjorius*	F-BRMR
Pectoral Rattail	*Coryphaenoides pectoralis*	F-COPE
Pectoral Sandpiper	*Calidris melanotos*	B-PESA
Pelagic Armorhead	*Pentaceros richardsoni*	F-PERI
Pelagic Cormorant	*Phalacrocorax pelagicus*	B-PECO
Pelagic Stingray	*Dasyatis violacea*	F-DAVI
Penpoint Gunnel	*Apodichthys flavidus*	F-APFL
Peregrine Falcon	*Falco peregrinus*	B-PEFA
Petrale Sole	*Eopsetta jordani*	F-EOJO
Phantom Bristlemouth	*Cyclothone pseudopallida*	F-CYPS
Philadelphia Vireo	*Vireo philadelphicus*	B-PHVI
Pied-billed Grebe	*Podilymbus podiceps*	B-PBGR
Pigeon Guillemot	*Cepphus columba*	B-PIGU
Pile Perch	*Rhacochilus vacca*	F-RHVA
Pileated Woodpecker	*Dryocopus pileatus*	B-PIWO
Pilotfish	*Naucrates ductor*	F-NADU
Pine Grosbeak	*Pinicola enucleator*	B-PIGR
Pine Siskin	*Carduelis pinus*	B-PISI
Pink Salmon	*Oncorhynchus gorbuscha*	F-ONGO
Pink Snailfish	*Paraliparis rosaceus*	F-PARO
Pink-footed Shearwater	*Puffinus creatopus*	B-PFSH
Pinpoint Lanternfish	*Lampanyctus regalis*	F-LARE
Pitgum Dragonfish	*Opostomias mitsuii*	F-OPMI
Pitted Tubeshoulder	*Maulisia argipalla*	F-MAAR
Plainfin Midshipman	*Porichthys notatus*	F-PONO
Pomarine Jaeger	*Stercorarius pomarinus*	B-POJA
Popeye	*Coryphaenoides cinereus*	F-COCI
Popeye Blacksmelt	*Bathylagus ochotensis*	F-BAOC
Porcupine	*Erethizon dorsatum*	M-ERDO
Prairie Falcon	*Falco mexicanus*	B-PRFA
Pricklebreast Poacher	*Stellerina xyosterna*	F-STXY
Prickly Sculpin	*Cottus asper*	F-COAS
Prickly Snailfish	*Paraliparis deani*	F-PADE
Prowfish	*Zaprora silenus*	F-ZASI
Puget Sound Rockfish	*Sebastes emphaeus*	F-SEEM
Puget Sound Sculpin	*Artedius meanyi*	F-ARME
Pumpkinseed	*Lepomis gibbosus*	F-LEGI
Purple Finch	*Carpodacus purpureus*	B-PUFI
Purple Martin	*Progne subis*	B-PUMA
Pygmy Nuthatch	*Sitta pygmaea*	B-PYNU
Pygmy Poacher	*Odontopyxis trispinosa*	F-ODTR
Pygmy Rockfish	*Sebastes wilsoni*	F-SEWI
Pygmy Shrew	*Sorex hoyi*	M-SOHO
Pygmy Snailfish	*Liparíscus nanus*	F-LINA
Pygmy Whitefish	*Prosopium coulteri*	F-PRCO
Queenfish	*Seriphus politus*	F-SEPO
Quillback Rockfish	*Sebastes maliger*	F-SEMA
Quillfish	*Ptilichthys goodei*	F-PTGO
Raccoon	*Procyon lotor*	M-PRLO

Ragfish	*Icosteus aenigmaticus*	F-ICAE
Rainbow Smelt	*Osmerus mordax*	F-OSMO
Rainbow Trout	*Salmo gairdneri*	F-SAGA
Red Brotula	*Brosmophycis marginata*	F-BRMA
Red Crossbill	*Loxia curvirostra*	B-RECR
Red Fox	*Vulpes vulpes*	M-VUVU
Red Gunnel	*Pholis schultzi*	F-PHSC
Red Irish Lord	*Hemilepidotus hemilepidotus*	F-HEHE
Red Knot	*Calidris canutus*	B-REKN
Red Phalarope	*Phalaropus fulicaria*	B-REPH
Red Squirrel	*Tamiasciurus hudsonicus*	M-TAHU
Red-breasted Merganser	*Mergus serrator*	B-RBME
Red-breasted Nuthatch	*Sitta canadensis*	B-RBNU
Red-breasted Sapsucker	*Sphyrapicus ruber*	B-RBSA
Red-eyed Vireo	*Vireo olivaceus*	B-REVI
Red-faced Cormorant	*Phalacrocorax urile*	B-RFCO
Red-headed Woodpecker	*Melanerpes erythrocephalus*	B-RHWO
Red-legged Frog	*Rana aurora*	A-RAAU
Red-naped Sapsucker	*Sphyrapicus nuchalis*	B-RNSA
Red-necked Grebe	*Podiceps grisegena*	B-RNGR
Red-necked Phalarope	*Phalaropus lobatus*	B-RNPL
Red-tailed Chipmunk	*Tamias ruficaudus*	M-TARU
Red-tailed Hawk	*Buteo jamaicensis*	B-RTHA
Red-throated Loon	*Gavia stellata*	B-RTLO
Red-throated Pipit	*Anthus cervinus*	B-RTPI
Red-winged Blackbird	*Agelaius phoeniceus*	B-RWBL
Redbanded Rockfish	*Sebastes babcocki*	F-SEBA
Redhead	*Aythya americana*	B-REDH
Redside Shiner	*Richardsonius balteatus*	F-RIBA
Redstripe Rockfish	*Sebastes proriger*	F-SEPR
Redtail Surfperch	*Amphistichus rhodoterus*	F-AMRH
Reeves' Turtle	*Chineymys reevesii*	R-CHRE
Rex Sole	*Glyptocephalus zachirus*	F-GLZA
Rhinoceros Auklet	*Cerorhinca monocerata*	B-RHAU
Ribbed Sculpin	*Triglops pingeli*	F-TRPI
Ribbon Barracudina	*Notolepis rissoi*	F-NORI
Ribbon Prickleback	*Phytichthys chirus*	F-PHCH
Ribbon Snailfish	*Liparis cyclopus*	F-LICY
Right Whale	*Balaena glacialis*	M-BAGL
Ring-billed Gull	*Larus delawarensis*	B-RBGU
Ring-necked Duck	*Aythya collaris*	B-RNDU
Ring-necked Pheasant	*Phasianus colchicus*	B-RNPH
Ringtail Snailfish	*Liparis rutteri*	F-LIRU
Risso's Dolphin	*Grampus griseus*	M-GRGR
River Lamprey	*Lampetra ayresi*	F-LAAY
River Otter	*Lontra canadensis*	M-LOCA
Rock Dove	*Columba livia*	B-RODO
Rock Greenling	*Hexagrammos lagocephalus*	F-HELA
Rock Prickleback	*Xiphister mucosus*	F-XIMU
Rock Ptarmigan	*Lagopus mutus*	B-ROPT
Rock Sandpiper	*Calidris ptilocnemis*	B-ROSA
Rock Sole	*Lepidopsetta bilineata*	F-LEBI
Rock Wren	*Salpinctes obsoletus*	B-ROWR
Rockhead	*Bothragonus swani*	F-BOSW
Rockweed Gunnel	*Xererpes fucorum*	F-XEFU
Rose-breasted Grosbeak	*Pheucticus ludovicianus*	B-RBGR
Rosethorn Rockfish	*Sebastes helvomaculatus*	F-SEHE
Ross' Goose	*Chen rossii*	B-ROGO

Ross' Gull	*Rhodostethia rosea*	B-ROGU
Rosy Finch	*Leucosticte arctoa*	B-ROFI
Rosylip Sculpin	*Ascelichthys rhodorus*	F-ASRH
Rough Pomfet	*Taractes asper*	F-TAAS
Rough-legged Hawk	*Buteo lagopus*	B-RLHA
Rough-skinned Newt	*Taricha granulosa*	A-TAGR
Roughback Sculpin	*Chitonotus pugetensis*	F-CHPU
Rougheye Rockfish	*Sebastes aleutianus*	F-SEAL
Roughscale Grenadier	*Coryphaenoides acrolepis*	F-COAC
Roughscale Sole	*Clidoderma asperrimum*	F-CLAS
Roughspine Sculpin	*Triglops macellus*	F-TRMA
Roughtail Skate	*Bathyraja trachura*	F-BATR
Round Whitefish	*Prosopium cylindraceum*	F-PRCY
Rubber Boa	*Charina bottae*	R-CHBO
Ruby-crowned Kinglet	*Regulus calendula*	B-RCKI
Ruby-throated Hummingbird	*Archilochus colubris*	B-RTHU
Ruddy Duck	*Oxyura jamaicensis*	B-RUDU
Ruddy Turnstone	*Arenaria interpres*	B-RUTU
Ruff	*Philomachus pugnax*	B-RUFF
Ruffed Grouse	*Bonasa umbellus*	B-RUGR
Rufous Hummingbird	*Selasphorus rufus*	B-RUHU
Rufous-necked Stint	*Calidris ruficollis*	B-RNST
Rufous-sided Towhee	*Pipilo erythrophthalmus*	B-RSTO
Rustic Bunting	*Emberiza rustica*	B-RUBU
Rusty Blackbird	*Euphagus carolinus*	B-RUBL
Sabine's Gull	*Xema sabini*	B-SAGU
Sablefish	*Anoplopoma fimbria*	F-ANFI
Saddle-backed Dolphin	*Delphinus delphis*	M-DEDE
Saddleback Gunnel	*Pholis ornata*	F-PHOR
Saddleback Sculpin	*Oligocottus rimensis*	F-OLRI
Sage Grouse	*Centrocercus urophasianus*	B-SAGR
Sage Sparrow	*Amphispiza belli*	B-SASP
Sage Thrasher	*Oreoscoptes montanus*	B-SATH
Sailfin Sculpin	*Nautichthys oculofasciatus*	F-NAOC
Salmon Shark	*Lamna ditropis*	F-LADI
Sand Sole	*Psettichthys melanostictus*	F-PSME
Sanderling	*Calidris alba*	B-SAND
Sandhill Crane	*Grus canadensis*	B-SACR
Sandpaper Skate	*Bathyraja interrupta*	F-BAIT
Savannah Sparrow	*Passerculus sandwichensis*	B-SAVS
Sawback Poacher	*Sarritor frenatus*	F-SAFR
Say's Phoebe	*Sayornis saya*	B-SAPH
Scaly Waryfish	*Scopelosaurus harryi*	F-SCHA
Scalyhead Sculpin	*Artedius harringtoni*	F-ARHA
Scalyneck Eelpout	*Pachycara lepinium*	F-PALE
Scarlet Tanager	*Piranga olivacea*	B-SCTA
Scissor-tailed Flycatcher	*Tyrannus forficatus*	B-STFL
Scrub Jay	*Aphelocoma coerulescens*	B-SCJA
Sea Otter	*Enhydra lutris*	M-ENLU
Sei Whale	*Balaenoptera borealis*	M-BABO
Semipalmated Plover	*Charadrius semipalmatus*	B-SEPL
Semipalmated Sandpiper	*Calidris pusilla*	B-SESA
Sevengill Shark	*Notorynchus maculatus*	F-NOMA
Sharp-shinned Hawk	*Accipiter striatus*	B-SSHA
Sharp-tailed Grouse	*Tympanuchus phasianellus*	B-STGR
Sharp-tailed Sandpiper	*Calidris acuminata*	B-SHSA
Sharp-tailed Snake	*Contia tenuis*	R-COTE
Sharp-tailed Sparrow	*Ammodramus caudacutus*	B-STSP

Sharpchin Rockfish	*Sebastes zacentrus*	F-SEZA
Sharpnose Sculpin	*Clinocottus acuticeps*	F-CLAC
Shiner Perch	*Cymatogaster aggregata*	F-CYAG
Shining Loosejaw	*Aristostomias scintillans*	F-ARSC
Shining Tubeshoulder	*Sagamichthys abei*	F-SAAB
Short-billed Dowitcher	*Limnodromus griseus*	B-SBDO
Short-eared Owl	*Asio flammeus*	B-SEOW
Short-finned Pilot Whale	*Globicephala macrorhynchus*	M-GLMA
Short-horned Lizard	*Phrynosoma douglassii*	R-PHDO
Short-tailed Albatross	*Diomedea albatrus*	B-STAL
Short-tailed Shearwater	*Puffinus tenuirostris*	B-STSH
Shortbelly Rockfish	*Sebastes jordani*	F-SEJO
Shortfin Eelpout	*Lycodes brevipes*	F-LYBR
Shorthead Sculpin	*Cottus confusus*	F-COCN
Shorthorn Sculpin	*Myoxocephalus scorpius*	F-MYSC
Shortjaw Eelpout	*Lycenchelys jordani*	F-LYJO
Shortraker Rockfish	*Sebastes borealis*	F-SEBO
Shortspine Thornyhead	*Sebastolobus alascanus*	F-SEAS
Showy Bristlemouth	*Cyclothone signata*	F-CYSI
Showy Snailfish	*Liparis pulchellus*	F-LIPU
Shrew-mole	*Neurotrichus gibbsii*	M-NEGI
Silver Surfperch	*Hyperprosopon ellipticum*	F-HYEL
Silver-haired Bat	*Lasionycteris noctivagans*	M-LANO
Silvergray Rockfish	*Sebastes brevispinis*	F-SEBR
Silverspot Sculpin	*Blepsias cirrhosus*	F-BLCI
Silvery Hatchetfish	*Argyropelecus lychnus*	F-ARLY
Sitka Mouse	*Peromyscus sitkensis*	M-PESI
Sixgill Shark	*Hexanchus griseus*	F-HEGR
Skilfish	*Erilepis zonifer*	F-ERZO
Skipjack Tuna	*Euthynnus pelamis*	F-EUPE
Slaty-backed Gull	*Larus schistisagus*	B-SBGU
Slender Barracudina	*Lestidiops ringens*	F-LERI
Slender Blacksmelt	*Bathylagus pacificus*	F-BAPA
Slender Cockscomb	*Anoplarchus insignis*	F-ANIS
Slender Snipe Eel	*Nemichthys scolopaceus*	F-NESC
Slender Sole	*Lyopsetta exilis*	F-LYEX
Slim Lightfish	*Ichthyococcus elongatus*	F-ICEL
Slim Sculpin	*Radulinus asprellus*	F-RAAS
Slim Snailfish	*Rhinoliparis attenuatus*	F-RHAT
Slimy Sculpin	*Cottus cognatus*	F-COCO
Slimy Snailfish	*Liparis mucosus*	F-LIMU
Slipskin Snailfish	*Liparis fucensis*	F-LIFU
Smalldisk Snailfish	*Careproctus gilberti*	F-CAGI
Smalleye Squaretail	*Tetragonurus cuvieri*	F-TECU
Smallfin Snailfish	*Careproctus oregonensis*	F-CAOR
Smallmouth Bass	*Micropterus dolomieui*	F-MIDO
Smallsail Sculpin	*Nautichthys robustus*	F-NARO
Smallscale Lizardfish	*Synodus lucioceps*	F-SYLU
Smew	*Mergellus albellus*	B-SMEW
Smith's Longspur	*Calcarius pictus*	B-SMLO
Smooth Alligatorfish	*Anoplagonus inermis*	F-ANIN
Smooth Dreamer	*Chaenophryne melanorhabdus*	F-CHME
Smooth Lumpsucker	*Aptocyclus ventricosus*	F-APVE
Smoothhead Sculpin	*Artedius lateralis*	F-ARLA
Snakehead Eelpout	*Lycenchelys crotalina*	F-LYCR
Snapping Turtle	*Chelydra serpentina*	R-CHSE
Snow Bunting	*Plectrophenax nivalis*	B-SNBU
Snow Goose	*Chen caerulescens*	B-SNGO

Snowshoe Hare	*Lepus americanus*	M-LEAM
Snowy Egret	*Egretta thula*	B-SNEG
Snowy Owl	*Nyctea scandiaca*	B-SNOW
Snowy Plover	*Charadrius alexandrinus*	B-SNPL
Sockeye Salmon	*Oncorhynchus nerka*	F-ONNE
Soft Eelpout	*Bothrocara molle*	F-BOMO
Soft Sculpin	*Psychrolutes sigalutes*	F-PSSI
Solitary Sandpiper	*Tringa solitaria*	B-SOSA
Solitary Vireo	*Vireo solitarius*	B-SOVI
Song Sparrow	*Melospiza melodia*	B-SOSP
Sooty Shearwater	*Puffinus griseus*	B-SOSH
Sora	*Porzana carolina*	B-SORA
Soupfin Shark	*Galeorhinus zyopterus*	F-GAZY
South Polar Skua	*Catharacta maccormicki*	B-SPSK
Southern Blue Lanternfish	*Tarletonbeania crenularis*	F-TACR
Southern Flashlightfish	*Protomyctophum crockeri*	F-PRCR
Southern Red Bat	*Lasiurus blossevilli*	M-LABL
Southern Red-backed Vole	*Clethrionomys gapperi*	M-CLGA
Speckled Dace	*Rhinichthys osculus*	F-RHOS
Speckled Sanddab	*Citharichthys stigmaeus*	F-CIST
Sperm Whale	*Physeter macrocephalus*	M-PHMA
Spiny Dogfish	*Squalus acanthias*	F-SQAC
Spiny Dreamer	*Oneirodes thompsoni*	F-ONTH
Spiny Lanternfish	*Notoscopelus japonicus*	F-NOJA
Spiny Snailfish	*Acantholiparis opercularis*	F-ACOP
Spinycheek Blobsculpin	*Malacocottus zonurus*	F-MAZO
Spinycheek Starsnout	*Bathyagonus infraspinatus*	F-BAIN
Spinyhead Sculpin	*Dasycottus setiger*	F-DASE
Spinynose Sculpin	*Radulinus taylori*	F-RATA
Splitnose Rockfish	*Sebastes diploprora*	F-SEDI
Spoonbill Sandpiper	*Eurynorhynchus pygmeus*	B-SBSA
Spoonhead Sculpin	*Cottus ricei*	F-CORI
Spotfin Sculpin	*Icelinus tenuis*	F-ICTE
Spottail Shiner	*Notropis hudsonius*	F-NOHU
Spotted Bat	*Euderma maculatum*	M-EUMA
Spotted Frog	*Rana pretiosa*	A-RAPR
Spotted Owl	*Strix occidentalis*	B-SPOW
Spotted Ratfish	*Hydrolagus colliei*	F-HYCO
Spotted Redshank	*Tringa erythropus*	B-SPRE
Spotted Sandpiper	*Actitus macularia*	B-SPSA
Spotted Skunk	*Spilogale putorius*	M-SPPU
Spotted Snailfish	*Liparis callyodon*	F-LICA
Spruce Grouse	*Dendragapus canadensis*	B-SPGR
Staghorn Sculpin	*Leptocottus armatus*	F-LEAR
Starry Flounder	*Platichthys stellatus*	F-PLST
Starry Skate	*Raja stellulata*	F-RAST
Steller's Eider	*Polysticta stelleri*	B-STEI
Steller's Jay	*Cyanocitta stelleri*	B-STJA
Stilt Sandpiper	*Calidris himantopus*	B-STSA
Stout Blacksmelt	*Bathylagus milleri*	F-BAMI
Stout Slipskin	*Lycodapus pachysoma*	F-LYPA
Striped Bass	*Roccus saxatilis*	F-ROSA
Striped Chorus Frog	*Pseudacris triseriata*	A-PSTR
Striped Dolphin	*Stenella coeruleoalba*	M-STCO
Striped Kelpfish	*Gibbonsia metzi*	F-GIME
Striped Seaperch	*Embiotoca lateralis*	F-EMLA
Striped Skunk	*Mephitis mephitis*	M-MEME
Stripetail Rockfish	*Sebastes saxicola*	F-SESA

Stubraker Slipskin	*Lycodapus parviceps*	F-LYPR
Sturgeon Poacher	*Agonus acipenserinus*	F-AGAC
Surf Scoter	*Melanitta perspicillata*	B-SUSC
Surf Smelt	*Hypomesus pretiosus*	F-HYPR
Surfbird	*Aphriza virgata*	B-SURF
Swainson's Hawk	*Buteo swainsoni*	B-SWHA
Swainson's Thrush	*Catharus ustulatus*	B-SWTH
Swamp Sparrow	*Melospiza georgiana*	B-SWSP
Swellhead Snailfish	*Paraliparis cephalus*	F-PACE
Swordfish	*Xiphias gladius*	F-XIGL
Tadpole Sculpin	*Psychrolutes paradoxus*	F-PSPA
Tadpole Snailfish	*Nectoliparis pelagicus*	F-NEPE
Tailed Frog	*Ascaphus truei*	A-ASTR
Taillight Lanternfish	*Lampadena urophaos*	F-LAUR
Tan Bristlemouth	*Cyclothone pallida*	F-CYPL
Teardrop Tubeshoulder	*Holtbyrnia latifrons*	F-HOLA
Temminck's Stint	*Calidris temminckii*	B-TEST
Tench	*Tinca tinca*	F-TITI
Tennessee Warbler	*Vermivora peregrina*	B-TEWA
Terek Sandpiper	*Xenus cincereus*	B-TESA
Thayer's Gull	*Larus thayeri*	B-THGU
Thick-billed Kingbird	*Tyrannus crassirostris*	B-TBKI
Thick-billed Murre	*Uria lomvia*	B-TBMU
Thinhorn Sheep	*Ovis dalli*	M-OVDA
Thornback Sculpin	*Paricelinus hopliticus*	F-PAHO
Thorny Sculpin	*Icelus spiniger*	F-ICSP
Threadfin Sculpin	*Icelinus filamentosus*	F-ICFI
Threadfin Slickhead	*Talismania bifurcata*	F-TABI
Three-toed Woodpecker	*Picoides tridactylus*	B-TTWO
Threespine Stickleback	*Gasterosteus aculeatus*	F-GAAC
Thresher Shark	*Alopias vulpinus*	F-ALVU
Tidepool Sculpin	*Oligocottus maculosus*	F-OLMA
Tidepool Snailfish	*Liparis florae*	F-LIFL
Tiger Rockfish	*Sebastes nigrocinctus*	F-SENI
Tiger Salamander	*Ambystoma tigrinum*	A-AMTI
Toothless Snailfish	*Paraliparis paucidens*	F-PAPA
Topsmelt	*Atherinops affinis*	F-ATAF
Torrent Sculpin	*Cottus rhotheus*	F-CORH
Townsend's Big-eared Bat	*Plecotus townsendii*	M-PLTO
Townsend's Chipmunk	*Tamias townsendii*	M-TATO
Townsend's Mole	*Scapanus townsendii*	M-SCTO
Townsend's Solitaire	*Myadestes townsendi*	B-TOSO
Townsend's Vole	*Microtus townsendii*	M-MITO
Townsend's Warbler	*Dendroica townsendi*	B-TOWA
Tree Swallow	*Tachycineta bicolor*	B-TRSW
Tropical Kingbird	*Tyrannus melancholichus*	B-TRKI
Troutperch	*Percopsis omiscomaycus*	F-PEOM
Trowbridge's Shrew	*Sorex trowbridgii*	M-SOTR
Trumpeter Swan	*Cygnus buccinator*	B-TRUS
Tubenose Poacher	*Pallasina barbata*	F-PABA
Tubesnout	*Aulorhynchus flavidus*	F-AUFL
Tufted Duck	*Aythya fuligula*	B-TUDU
Tufted Puffin	*Fratercula cirrhata*	B-TUPU
Tundra Shrew	*Sorex tundrensis*	M-SOTU
Tundra Swan	*Cygnus columbianus*	B-TUSW
Tundra Vole	*Microtus oeconomus*	M-MIOE
Turkey Vulture	*Cathartes aura*	B-TUVU
Twinpored Eel	*Xenomystax atrarius*	F-XEAT

Twoline Eelpout	*Bothrocara brunneum*	F-BOBR
Umatilla Dace	*Rhinichthys umatilla*	F-RHUM
Upland Sandpiper	*Bartramia longicauda*	B-UPSA
Vagrant Shrew	*Sorex vagrans*	M-SOVA
Vancouver Island Marmot	*Marmota vancouverensis*	M-MAVA
Varied Thrush	*Ixoreus naevius*	B-VATH
Vaux's Swift	*Chaetura vauxi*	B-VASW
Veery	*Catharus fuscescens*	B-VEER
Vermilion Rockfsih	*Sebastes miniatus*	F-SEMI
Vesper Sparrow	*Pooecetes gramineus*	B-VESP
Violet-green Swallow	*Tachycineta thalassina*	B-VGSW
Virginia Rail	*Rallus limicola*	B-VIRA
Walleye	*Stizostedion vitreum*	F-STVI
Walleye Pollock	*Theragra chalcogramma*	F-THCH
Walleye Surfperch	*Hyperprosopon argenteum*	F-HYAR
Wandering Tattler	*Heteroscelus incanus*	B-WATA
Warbling Vireo	*Vireo gilvus*	B-WAVI
Warty Poacher	*Occella verrucosa*	F-OCVE
Water Pipit	*Anthus spinoletta*	B-WAPI
Water Shrew	*Sorex palustrus*	M-SOPA
Water Vole	*Microtus richardsoni*	M-MIRI
Wattled Eelpout	*Lycodes palearis*	F-LYPL
Western Bluebird	*Sialia mexicana*	B-WEBL
Western Garter Snake	*Thamnophis elegans*	R-THEL
Western Grebe	*Aechmophorus occidentalis*	B-WEGR
Western Gull	*Larus occidentalis*	B-WEGU
Western Harvest Mouse	*Reithrodontomys megalotis*	M-REME
Western Jumping Mouse	*Zapus princeps*	M-ZAPR
Western Kingbird	*Tyrannus verticalis*	B-WEKI
Western Long-eared Myotis	*Myotis evotis*	M-MYEV
Western Meadowlark	*Sturnella neglecta*	B-WEME
Western Pond Turtle	*Clemmys marmorata*	R-CLMA
Western Rattlesnake	*Crotalus viridis*	R-CRVI
Western Red-backed Salamander	*Plethodon vehiculum*	A-PLVE
Western Sandpiper	*Calidris mauri*	B-WESA
Western Screech-Owl	*Otus kennicottii*	B-WSOW
Western Skink	*Eumeces skiltonianus*	R-EUSK
Western Small-footed Myotis	*Myotis ciliolabrum*	M-MYCI
Western Tanager	*Piranga ludoviciana*	B-WETA
Western Toad	*Bufo boreas*	A-BUBO
Western Wood-Pewee	*Contopus sordidulus*	B-WWPE
Western Yellow-bellied Racer	*Coluber mormon*	R-COMO
Whalesucker	*Remora australis*	F-REAU
Whimbrel	*Numenius phaeopus*	B-WHIM
White Croaker	*Genyonemus lineatus*	F-GELI
White Seabass	*Atractoscion nobilis*	F-ATNO
White Seaperch	*Phanerodon furcatus*	F-PHFU
White Sturgeon	*Acipenser transmontanus*	F-ACTR
White Sucker	*Catostomus commersoni*	F-CACM
White-breasted Nuthatch	*Sitta carolinensis*	B-WBNU
White-crowned Sparrow	*Zonotrichia leucophrys*	B-WCSP
White-faced Ibis	*Plegadis chihi*	B-WFIB
White-headed Woodpecker	*Picoides albolarvatus*	B-WHWO
White-rumped Sandpiper	*Calidris fuscicollis*	B-WRSA
White-tailed Deer	*Odocoileus virginiana*	M-ODVI
White-tailed Jackrabbit	*Lepus townsendii*	M-LETO
White-tailed Ptarmigan	*Lagopus leucurus*	B-WTPT
White-throated Sparrow	*Zonotrichia albicollis*	B-WTSP

White-throated Swift	*Aeronautes saxatalis*	B-WTSW
White-winged Crossbill	*Loxia leucoptera*	B-WWCR
White-winged Dove	*Zenaida asiatica*	B-WWDO
White-winged Scoter	*Melanitta fusca*	B-WWSC
Whitebait Smelt	*Allosmerus elongatus*	F-ALEL
Whitebarred Prickleback	*Poroclinus rothrocki*	F-PORO
Whitespotted Greenling	*Hexagrammos stelleri*	F-HEST
Whooping Crane	*Grus americana*	B-WHCR
Widow Rockfish	*Sebastes entomelas*	F-SEEN
Wild Turkey	*Meleagris gallopavo*	B-WITU
Willet	*Catoptrophorus semipalmatus*	B-WILL
Williamson's Sapsucker	*Sphyrapicus thyroideus*	B-WISA
Willow Flycatcher	*Empidonax traillii*	B-WIFL
Willow Ptarmigan	*Lagopus lagopus*	B-WIPT
Wilson's Phalarope	*Phalaropus tricolor*	B-WIPH
Wilson's Warbler	*Wilsonia pusilla*	B-WIWA
Winter Wren	*Troglodytes troglodytes*	B-WIWR
Wolf-eel	*Anarhichthys ocellatus*	F-ANOC
Wolverine	*Gulo gulo*	M-GUGU
Wood Duck	*Aix sponsa*	B-WODU
Wood Frog	*Rana sylvatica*	A-RASY
Wood Stork	*Mycteria americana*	B-WOST
Woodchuck	*Marmota monax*	M-MAMO
Xantus' Murrelet	*Synthliboramphus hypoleucus*	B-XAMU
Y-prickleback	*Allolumpenus hypochromus*	F-ALHY
Yellow Bristlemouth	*Cyclothone pacifica*	F-CYPA
Yellow Perch	*Perca flavescens*	F-PEFL
Yellow Wagtail	*Montacilla flava*	B-YEWG
Yellow Warbler	*Dendroica petechia*	B-YEWA
Yellow-bellied Flycatcher	*Empidonax flaviventris*	B-YBFL
Yellow-bellied Marmot	*Marmota flaviventris*	M-MAFL
Yellow-bellied Sapsucker	*Sphyrapicus varius*	B-YBSA
Yellow-billed Cuckoo	*Coccyzus americanus*	B-YBCU
Yellow-billed Loon	*Gavia adamsii*	B-YBLO
Yellow-breasted Chat	*Icteria virens*	B-YBCH
Yellow-headed Blackbird	*Xanthocephalus xanthocephalus*	B-YHBL
Yellow-pine Chipmunk	*Tamias amoenus*	M-TAAM
Yellow-rumped Warbler	*Dendroica coronata*	B-YRWA
Yelloweye Rockfish	*Sebastes ruberrimus*	F-SERU
Yellowfin Sole	*Limanda aspera*	F-LIAS
Yellowmouth Rockfish	*Sebastes reedi*	F-SERE
Yellowtail	*Seriola lalandi*	F-SELA
Yellowtail Rockfish	*Sebastes flavidus*	F-SEFL
Yuma Myotis	*Myotis yumanensis*	M-MYYU

ALPHABETICAL SEQUENCE BY SCIENTIFIC NAMES

The following list is ordered alphabetically by scientific name for the integrated group of British Columbia vertebrates. Associated English names and species codes are also provided.

Acantholiparis opercularis	Spiny Snailfish	F-ACOP
Accipiter cooperii	Cooper's Hawk	B-COHA
Accipiter gentilis	Northern Goshawk	B-NOGO
Accipiter striatus	Sharp-shinned Hawk	B-SSHA
Acipenser medirostris	Green Sturgeon	F-ACME
Acipenser transmontanus	White Sturgeon	F-ACTR
Acridotheres cristatellus	Crested Myna	B-CRMY
Acrocheilus alutaceus	Chiselmouth	F-ACAL
Actitus macularia	Spotted Sandpiper	B-SPSA
Aechmophorus clarkii	Clark's Grebe	B-CLGR
Aechmophorus occidentalis	Western Grebe	B-WEGR
Aegolius acadicus	Northern Saw-whet Owl	B-NSWO
Aegolius funereus	Boreal Owl	B-BOOW
Aeronautes saxatalis	White-throated Swift	B-WTSW
Aethia cristatella	Crested Auklet	B-CRAU
Agelaius phoeniceus	Red-winged Blackbird	B-RWBL
Agonomalus mozinoi	Kelp Poacher	F-AGMO
Agonopsis vulsa	Northern Spearnose Poacher	F-AGVU
Agonus acipenserinus	Sturgeon Poacher	F-AGAC
Aix sponsa	Wood Duck	B-WODU
Alauda arvensis	Eurasian Skylark	B-EUSK
Alces alces	Moose	M-ALAL
Alectoris chukar	Chukar	B-CHUK
Alepisaurus ferox	Longnose Lancetfish	F-ALFE
Allocyttus verrucosus	Oreo	F-ALVE
Allolumpenus hypochromus	Y-prickleback	F-ALHY
Allosmerus elongatus	Whitebait Smelt	F-ALEL
Alopias vulpinus	Thresher Shark	F-ALVU
Alosa sapidissima	American Shad	F-ALSA
Ambystoma gracile	Northwestern Salamander	A-AMGR
Ambystoma macrodactylum	Long-toed Salamander	A-AMMA
Ambystoma tigrinum	Tiger Salamander	A-AMTI
Ammodramus bairdii	Baird's Sparrow	B-BASP
Ammodramus caudacutus	Sharp-tailed Sparrow	B-STSP
Ammodramus leconteii	Le Conte's Sparrow	B-LCSP
Ammodramus savannarum	Grasshopper Sparrow	B-GRSP
Ammodytes hexapterus	Pacific Sand Lance	F-AMHE
Amphispiza belli	Sage Sparrow	B-SASP
Amphispiza bilineata	Black-throated Sparrow	B-BTSP
Amphistichus rhodoterus	Redtail Surfperch	F-AMRH
Anarhchthys ocellatus	Wolf-eel	F-ANOC
Anas acuta	Northern Pintail	B-NOPI
Anas americana	American Wigeon	B-AMWI
Anas clypeata	Northern Shoveler	B-NOSL
Anas crecca	Green-winged Teal	B-GWTE

Anas cyanoptera	Cinnamon Teal	B-CITE
Anas discors	Blue-winged Teal	B-BWTE
Anas formosa	Baikal Teal	B-BATE
Anas penelope	Eurasian Wigeon	B-EUWI
Anas platyrhynchos	Mallard	B-MALL
Anas querquedula	Garganey	B-GARG
Anas rubripes	American Black Duck	B-ABDU
Anas strepera	Gadwall	B-GADW
Aneides ferreus	Clouded Salamander	A-ANFE
Anoplagonus inermis	Smooth Alligatorfish	F-ANIN
Anoplarchus insignis	Slender Cockscomb	F-ANIS
Anoplarchus purpurescens	High Cockscomb	F-ANPU
Anoplopoma fimbria	Sablefish	F-ANFI
Anotopterus pharao	Daggertooth	F-ANPH
Anser albifrons	Greater White-fronted Goose	B-GWFG
Anthus cervinus	Red-throated Pipit	B-RTPI
Anthus spinoletta	Water Pipit	B-WAPI
Antimora microlepis	Pacific Flatnose	F-ANMI
Antrozous pallidus	Pallid Bat	M-ANPA
Aphanopus carbo	Black Scabbardfish	F-APCA
Aphelocoma coerulescens	Scrub Jay	B-SCJA
Aphriza virgata	Surfbird	B-SURF
Aplodontia rufa	Mountain Beaver	M-APRU
Apodichthys flavidus	Penpoint Gunnel	F-APFL
Apristurus brunneus	Brown Cat Shark	F-APBR
Aptocyclus ventricosus	Smooth Lumpsucker	F-APVE
Aquila chrysaetos	Golden Eagle	B-GOEA
Archilochus alexandri	Black-chinned Hummingbird	B-BCHU
Archilochus colubris	Ruby-throated Hummingbird	B-RTHU
Ardea herodias	Great Blue Heron	B-GBHE
Arenaria interpres	Ruddy Turnstone	B-RUTU
Arenaria melanocephala	Black Turnstone	B-BLTU
Argyropelecus lychnus	Silvery Hatchetfish	F-ARLY
Aristostomias scintillans	Shining Loosejaw	F-ARSC
Artedius fenestralis	Padded Sculpin	F-ARFE
Artedius harringtoni	Scalyhead Sculpin	F-ARHA
Artedius lateralis	Smoothhead Sculpin	F-ARLA
Artedius meanyi	Puget Sound Sculpin	F-ARME
Ascaphus truei	Tailed Frog	A-ASTR
Ascelichthys rhodorus	Rosylip Sculpin	F-ASRH
Asio flammeus	Short-eared Owl	B-SEOW
Asio otus	Long-eared Owl	B-LEOW
Athene cunicularia	Burrowing Owl	B-BUOW
Atheresthes stomias	Arrowtooth Flounder	F-ATST
Atherinops affinis	Topsmelt	F-ATAF
Atractoscion nobilis	White Seabass	F-ATNO
Aulorhynchus flavidus	Tubesnout	F-AUFL
Avocettina infans	Close-spine Snipe Eel	F-AVIN
Aythya affinis	Lesser Scaup	B-LESC
Aythya americana	Redhead	B-REDH
Aythya collaris	Ring-necked Duck	B-RNDU
Aythya fuligula	Tufted Duck	B-TUDU
Aythya marila	Greater Scaup	B-GRSC
Aythya valisineria	Canvasback	B-CANV
Balaena glacialis	Right Whale	M-BAGL
Balaenoptera acutorostrata	Minke Whale	M-BAAC
Balaenoptera borealis	Sei Whale	M-BABO
Balaenoptera musculus	Blue Whale	M-BAMU

Balaenoptera physalus	Fin Whale	M-BAPH
Bartramia longicauda	Upland Sandpiper	B-UPSA
Bathophilus flemingi	Highfin Dragonfish	F-BAFL
Bathyagonus alascanus	Gray Starsnout	F-BAAL
Bathyagonus infraspinatus	Spinycheek Starsnout	F-BAIN
Bathyagonus nigripinnis	Blackfin Poacher	F-BANI
Bathyagonus pentacanthus	Bigeye Poacher	F-BAPE
Bathylagus milleri	Stout Blacksmelt	F-BAMI
Bathylagus ochotensis	Popeye Blacksmelt	F-BAOC
Bathylagus pacificus	Slender Blacksmelt	F-BAPA
Bathylagus schmidti	Northern Smoothtongue	F-BASC
Bathylagus stilbius	American Smoothtongue	F-BAST
Bathylychnops exilis	Javelin Spookfish	F-BAEX
Bathymaster caeruleofasciatus	Bluefin Searcher	F-BACA
Bathymaster signatus	Blue-eyed Searcher	F-BASI
Bathyraja abyssicola	Deepsea Skate	F-BAAB
Bathyraja interrupta	Sandpaper Skate	F-BAIT
Bathyraja trachura	Roughtail Skate	F-BATR
Benthalbella dentata	Northern Pearleye	F-BEDE
Benthodesmus elongatus	Bigeye Frostfish	F-BEEL
Benthodesmus tenuis	Javelinfish	F-BETE
Berardius bairdii	North Pacific Bottle-nosed Whale	M-BEBA
Bison bison	Bison	M-BIBI
Blepsias bilobus	Crested Sculpin	F-BLBI
Blepsias cirrhosus	Silverspot Sculpin	F-BLCI
Bombycilla cedrorum	Cedar Waxwing	B-CEWA
Bombycilla garrulus	Bohemian Waxwing	B-BOWA
Bonasa umbellus	Ruffed Grouse	B-RUGR
Botaurus lentiginosus	American Bittern	B-AMBI
Bothragonus swani	Rockhead	F-BOSW
Bothrocara brunneum	Twoline Eelpout	F-BOBR
Bothrocara molle	Soft Eelpout	F-BOMO
Bothrocara pusillum	Alaska Eelpout	F-BOPU
Brachyistius frenatus	Kelp Perch	F-BRFR
Brachyramphus brevirostris	Kittlitz's Murrelet	B-KIMU
Brachyramphus marmoratus	Marbled Murrelet	B-MAMU
Brama japonica	Pacific Pomfret	F-BRJA
Branta bernicla	Brant	B-BRAN
Branta canadensis	Canada Goose	B-CAGO
Brosmophycis marginata	Red Brotula	F-BRMA
Bryozoichthys marjorius	Pearly Prickleback	F-BRMR
Bubo virginianus	Great Horned Owl	B-GHOW
Bubulcus ibis	Cattle Egret	B-CAEG
Bucephala albeola	Bufflehead	B-BUFF
Bucephala clangula	Common Goldeneye	B-COGO
Bucephala islandica	Barrow's Goldeneye	B-BAGO
Bufo boreas	Western Toad	A-BUBO
Buteo jamaicensis	Red-tailed Hawk	B-RTHA
Buteo lagopus	Rough-legged Hawk	B-RLHA
Buteo platypterus	Broad-winged Hawk	B-BWHA
Buteo regalis	Ferruginous Hawk	B-FEHA
Buteo swainsoni	Swainson's Hawk	B-SWHA
Butorides striatus	Green-backed Heron	B-GRHE
Calamospiza melanocorys	Lark Bunting	B-LABU
Calcarius lapponicus	Lapland Longspur	B-LALO
Calcarius mccownii	McCown's Longspur	B-MCLO
Calcarius ornatus	Chestnut-collared Longspur	B-CCLO
Calcarius pictus	Smith's Longspur	B-SMLO

Calidris acuminata	Sharp-tailed Sandpiper	B-SHSA
Calidris alba	Sanderling	B-SAND
Calidris alpina	Dunlin	B-DUNL
Calidris bairdii	Baird's Sandpiper	B-BASA
Calidris canutus	Red Knot	B-REKN
Calidris ferruginea	Curlew Sandpiper	B-CUSA
Calidris fuscicollis	White-rumped Sandpiper	B-WRSA
Calidris himantopus	Stilt Sandpiper	B-STSA
Calidris mauri	Western Sandpiper	B-WESA
Calidris melanotos	Pectoral Sandpiper	B-PESA
Calidris minuta	Little Stint	B-LIST
Calidris minutilla	Least Sandpiper	B-LESA
Calidris ptilocnemis	Rock Sandpiper	B-ROSA
Calidris pusilla	Semipalmated Sandpiper	B-SESA
Calidris ruficollis	Rufous-necked Stint	B-RNST
Calidris temminckii	Temminck's Stint	B-TEST
Callipepla californica	California Quail	B-CAQU
Callorhinus ursinus	Northern Fur Seal	M-CAUR
Calypte anna	Anna's Hummingbird	B-ANHU
Calypte costae	Costa's Humminbird	B-COHU
Canis latrans	Coyote	M-CALA
Canis lupus	Gray Wolf	M-CALU
Carassius auratus	Goldfish	F-CAAU
Carcharodon carcharius	Great White Shark	F-CACA
Carduelis flammea	Common Redpoll	B-CORE
Carduelis hornemanni	Hoary Redpoll	B-HORE
Carduelis pinus	Pine Siskin	B-PISI
Carduelis psaltria	Lesser Goldfinch	B-LEGO
Carduelis tristis	American Goldfinch	B-AMGO
Careproctus gilberti	Smalldisk Snailfish	F-CAGI
Careproctus melanurus	Blacktail Snailfish	F-CAME
Careproctus oregonensis	Smallfin Snailfish	F-CAOR
Careproctus ovigerum	Abyssal Snailfish	F-CAOV
Caristius macropus	Manefish	F-CAMC
Carpodacus cassinii	Cassin's Finch	B-CAFI
Carpodacus mexicanus	House Finch	B-HOFI
Carpodacus purpureus	Purple Finch	B-PUFI
Casmerodius albus	Great Egret	B-GREG
Castor canadensis	Beaver	M-CACA
Catharacta maccormicki	South Polar Skua	B-SPSK
Cathartes aura	Turkey Vulture	B-TUVU
Catharus fuscescens	Veery	B-VEER
Catharus guttatus	Hermit Thrush	B-HETH
Catharus minimus	Gray-cheeked Thrush	B-GCTH
Catharus ustulatus	Swainson's Thrush	B-SWTH
Catherpes mexicanus	Canyon Wren	B-CAWR
Catoptrophorus semipalmatus	Willet	B-WILL
Catostomus catostomus	Longnose Sucker	F-CACT
Catostomus columbianus	Bridgelip Sucker	F-CACO
Catostomus commersoni	White Sucker	F-CACM
Catostomus macrocheilus	Largescale Sucker	F-CAMA
Catostomus platyrhynchus	Mountain Sucker	F-CAPL
Caulolatilus princeps	Ocean Whitefish	F-CAPR
Centrocercus urophasianus	Sage Grouse	B-SAGR
Cepphus columba	Pigeon Guillemot	B-PIGU
Ceratoscopelus townsendi	Dogtooth Lanternfish	F-CETO
Cerorhinca monocerata	Rhinoceros Auklet	B-RHAU
Certhia americana	Brown Creeper	B-BRCR

Cervus dama	Fallow Deer	M-CEDA
Cervus elaphus	Elk	M-CEEL
Ceryle alcyon	Belted Kingfisher	B-BEKI
Cetorhinus maximus	Basking Shark	F-CEMA
Chaenophryne melanorhabdus	Smooth Dreamer	F-CHME
Chaetura vauxi	Vaux's Swift	B-VASW
Charadrius alexandrinus	Snowy Plover	B-SNPL
Charadrius semipalmatus	Semipalmated Plover	B-SEPL
Charadrius vociferus	Killdeer	B-KILL
Charina bottae	Rubber Boa	R-CHBO
Chauliodus macouni	Pacific Viperfish	F-CHMA
Chelonia mydas	Green Sea Turtle	R-CHMY
Chelydra serpentina	Snapping Turtle	R-CHSE
Chen caerulescens	Snow Goose	B-SNGO
Chen canagica	Emperor Goose	B-EMGO
Chen rossii	Ross' Goose	B-ROGO
Chineymys reevesii	Reeves' Turtle	R-CHRE
Chirolophis decoratus	Decorated Warbonnet	F-CHDE
Chirolophis nugator	Mosshead Warbonnet	F-CHNU
Chirolophis tarsodes	Matcheek Warbonnet	F-CHTA
Chitonotus pugetensis	Roughback Sculpin	F-CHPU
Chlidonias niger	Black Tern	B-BLTE
Chondestes grammacus	Lark Sparrow	B-LASP
Chordeiles minor	Common Nighthawk	B-CONI
Chrosomus eos	Northern Redbelly Dace	F-CHEO
Chrosomus neogaeus	Finescale Dace	F-CHNE
Chrysemys picta	Painted Turtle	R-CHPI
Cinclus mexicanus	American Dipper	B-AMDI
Circus cyaneus	Northern Harrier	B-NOHA
Cistothorus palustris	Marsh Wren	B-MAWR
Citharichthys sordidus	Pacific Sanddab	F-CISO
Citharichthys stigmaeus	Speckled Sanddab	F-CIST
Clangula hyemalis	Oldsquaw	B-OLDS
Clemmys marmorata	Western Pond Turtle	R-CLMA
Clethrionomys gapperi	Southern Red-backed Vole	M-CLGA
Clethrionomys rutilus	Northern Red-backed Vole	M-CLRU
Clevelandia ios	Arrow Goby	F-CLIO
Clidoderma asperrimum	Roughscale Sole	F-CLAS
Clinocottus acuticeps	Sharpnose Sculpin	F-CLAC
Clinocottus embryum	Calico Sculpin	F-CLEM
Clinocottus globiceps	Mosshead Sculpin	F-CLGL
Clupea harengus	Pacific Herring	F-CLHA
Coccothraustes vespertinus	Evening Grosbeak	B-EVGR
Coccyzus americanus	Yellow-billed Cuckoo	B-YBCU
Coccyzus erythropthalmus	Black-billed Cuckoo	B-BBCU
Colaptes auratus	Northern Flicker	B-NOFL
Colinus virginianus	Northern Bobwhite	B-NOBO
Cololabis saira	Pacific Saury	F-COSA
Coluber mormon	Western Yellow-bellied Racer	R-COMO
Columba fasciata	Band-tailed Pigeon	B-BTPI
Columba livia	Rock Dove	B-RODO
Contia tenuis	Sharp-tailed Snake	R-COTE
Contopus borealis	Olive-sided Flycatcher	B-OSFL
Contopus sordidulus	Western Wood-Pewee	B-WWPE
Coregonus artedii	Cisco	F-COAR
Coregonus clupeaformis	Lake Whitefish	F-COCL
Coregonus nasus	Broad Whitefish	F-CONA
Coregonus sardinella	Least Cisco	F-COSR

Corvus brachyrhynchos	American Crow	B-AMCR
Corvus caurinus	Northwestern Crow	B-NOCR
Corvus corax	Common Raven	B-CORA
Coryphaenoides acrolepis	Roughscale Grenadier	F-COAC
Coryphaenoides armatus	Abyssal Grenadier	F-COAM
Coryphaenoides cinereus	Popeye	F-COCI
Coryphaenoides filifer	Filamented Grenadier	F-COFI
Coryphaenoides leptolepis	Ghostly Grenadier	F-COLE
Coryphaenoides pectoralis	Pectoral Rattail	F-COPE
Coryphopterus nicholsi	Blackeye Goby	F-CONI
Cottus aleuticus	Coastrange Sculpin	F-COAL
Cottus asper	Prickly Sculpin	F-COAS
Cottus bairdi	Mottled Sculpin	F-COBA
Cottus cognatus	Slimy Sculpin	F-COCO
Cottus confusus	Shorthead Sculpin	F-COCN
Cottus rhotheus	Torrent Sculpin	F-CORH
Cottus ricei	Spoonhead Sculpin	F-CORI
Couesius plumbeus	Lake Chub	F-COPL
Crotalus viridis	Western Rattlesnake	R-CRVI
Culaea inconstans	Brook Stickleback	F-CUIN
Cyanocitta cristata	Blue Jay	B-BLJA
Cyanocitta stelleri	Steller's Jay	B-STJA
Cyclorrhynchus psittacula	Parakeet Auklet	B-PAAU
Cyclothone pacifica	Yellow Bristlemouth	F-CYPA
Cyclothone pallida	Tan Bristlemouth	F-CYPL
Cyclothone pseudopallida	Phantom Bristlemouth	F-CYPS
Cyclothone signata	Showy Bristlemouth	F-CYSI
Cygnus buccinator	Trumpeter Swan	B-TRUS
Cygnus columbianus	Tundra Swan	B-TUSW
Cygnus olor	Mute Swan	B-MUSW
Cymatogaster aggregata	Shiner Perch	F-CYAG
Cyprinus carpio	Carp	F-CYCA
Cypseloides niger	Black Swift	B-BLSW
Danaphos oculatus	Bottlelight	F-DAOC
Dasyatis violacea	Pelagic Stingray	F-DAVI
Dasycottus setiger	Spinyhead Sculpin	F-DASE
Delolepis gigantea	Giant Wrymouth	F-DEGI
Delphinus delphis	Saddle-backed Dolphin	M-DEDE
Dendragapus canadensis	Spruce Grouse	B-SPGR
Dendragapus obscurus	Blue Grouse	B-BLGR
Dendrocygna bicolor	Fulvous Whistling-Duck	B-FWDU
Dendroica caerulescens	Black-throated Blue Warbler	B-BTBW
Dendroica castanea	Bay-breasted Warbler	B-BBWA
Dendroica coronata	Yellow-rumped Warbler	B-YRWA
Dendroica fusca	Blackburnian Warbler	B-BLWA
Dendroica magnolia	Magnolia Warbler	B-MAWA
Dendroica nigrescens	Black-throated Gray Warbler	B-BTGW
Dendroica palmarum	Palm Warbler	B-PAWA
Dendroica pensylvanica	Chestnut-sided Warbler	B-CSWA
Dendroica petechia	Yellow Warbler	B-YEWA
Dendroica striata	Blackpoll Warbler	B-BPWA
Dendroica tigrina	Cape May Warbler	B-CMWA
Dendroica townsendi	Townsend's Warbler	B-TOWA
Dendroica virens	Black-throated Green Warbler	B-BTNW
Derepodichthys alepidotus	Cuskpout	F-DEAL
Dermochelys coriacea	Leatherback Sea Turtle	R-DECO
Diaphus theta	California Headlightfish	F-DITH
Dicamptodon ensatus	Pacific Giant Salamander	A-DIEN

Didelphis virginiana	North American Opossum	M-DIVI
Diomedea albatrus	Short-tailed Albatross	B-STAL
Diomedea immutabilis	Laysan Albatross	B-LAAL
Diomedea nigripes	Black-footed Albatross	B-BFAL
Dolichonyx oryzivorus	Bobolink	B-BOBO
Dryocopus pileatus	Pileated Woodpecker	B-PIWO
Dumetella carolinensis	Gray Catbird	B-GRCA
Ectopistes migratorius	Passenger Pigeon	B-PAPI
Egretta caerulea	Little Blue Heron	B-LBHE
Egretta thula	Snowy Egret	B-SNEG
Embassichthys bathybius	Deepsea Sole	F-EMBA
Emberiza rustica	Rustic Bunting	B-RUBU
Embiotoca lateralis	Striped Seaperch	F-EMLA
Empidonax alnorum	Alder Flycatcher	B-ALFL
Empidonax difficilis	Pacific-slope Flycatcher	B-PSFL
Empidonax flaviventris	Yellow-bellied Flycatcher	B-YBFL
Empidonax hammondii	Hammond's Flycatcher	B-HAFL
Empidonax minimus	Least Flycatcher	B-LEFL
Empidonax oberholseri	Dusky Flycatcher	B-DUFL
Empidonax traillii	Willow Flycatcher	B-WIFL
Empidonax virescens	Acadian Flycatcher	B-ACFL
Empidonax wrightii	Gray Flycatcher	B-GRFL
Engraulis mordax	Northern Anchovy	F-ENMO
Enhydra lutris	Sea Otter	M-ENLU
Enophrys bison	Buffalo Sculpin	F-ENBI
Enophrys lucasi	Leister Sculpin	F-ENLU
Ensatina eschscholtzii	Ensatina Salamander	A-ENES
Eopsetta jordani	Petrale Sole	F-EOJO
Eptatretus deani	Black Hagfish	F-EPDE
Eptatretus stouti	Pacific Hagfish	F-EPST
Eptesicus fuscus	Big Brown Bat	M-EPFU
Eremophila alpestris	Horned Lark	B-HOLA
Erethizon dorsatum	Porcupine	M-ERDO
Erilepis zonifer	Skilfish	F-ERZO
Eschrichtius robustus	Gray Whale	M-ESRO
Esox lucius	Northern Pike	F-ESLU
Euderma maculatum	Spotted Bat	M-EUMA
Eumeces skiltonianus	Western Skink	R-EUSK
Eumetopias jubatus	Northern Sea Lion	M-EUJU
Eumicrotremus orbis	Pacific Spiny Lumpsucker	F-EUOR
Euphagus carolinus	Rusty Blackbird	B-RUBL
Euphagus cyanocephalus	Brewer's Blackbird	B-BRBL
Eurynorhynchus pygmeus	Spoonbill Sandpiper	B-SBSA
Euthynnus pelamis	Skipjack Tuna	F-EUPE
Falco columbarius	Merlin	B-MERL
Falco mexicanus	Prairie Falcon	B-PRFA
Falco peregrinus	Peregrine Falcon	B-PEFA
Falco rusticolus	Gyrfalcon	B-GYRF
Falco sparverius	American Kestrel	B-AMKE
Falco tinnunculus	Eurasian Kestrel	B-EUKE
Felis concolor	Cougar	M-FECO
Fratercula cirrhata	Tufted Puffin	B-TUPU
Fratercula corniculata	Horned Puffin	B-HOPU
Fregata magnificens	Magnificent Frigatebird	B-MAFR
Fringilla montifringilla	Brambling	B-BRAM
Fulica americana	American Coot	B-AMCO
Fulmarus glacialis	Northern Fulmar	B-NOFU
Gadus macrocephalus	Pacific Cod	F-GAMA

Galeorhinus zyopterus	Soupfin Shark	F-GAZY
Gallinago gallinago	Common Snipe	B-COSN
Gallinula chloropus	Common Moorhen	B-COMO
Gasterosteus aculeatus	Threespine Stickleback	F-GAAC
Gavia adamsii	Yellow-billed Loon	B-YBLO
Gavia immer	Common Loon	B-COLO
Gavia pacifica	Pacific Loon	B-PALO
Gavia stellata	Red-throated Loon	B-RTLO
Genyonemus lineatus	White Croaker	F-GELI
Geothlypis trichas	Common Yellowthroat	B-COYE
Gerrhonotus coeruleus	Northern Alligator Lizard	R-GECO
Gibbonsia metzi	Striped Kelpfish	F-GIME
Gibbonsia montereyensis	Crevice Kelpfish	F-GIMO
Glaucidium gnoma	Northern Pygmy-Owl	B-NPOW
Glaucomys sabrinus	Northern Flying Squirrel	M-GLSA
Globicephala macrorhynchus	Short-finned Pilot Whale	M-GLMA
Glyptocephalus zachirus	Rex Sole	F-GLZA
Gobiesox maeandricus	Northern Clingfish	F-GOMA
Grampus griseus	Risso's Dolphin	M-GRGR
Grus americana	Whooping Crane	B-WHCR
Grus canadensis	Sandhill Crane	B-SACR
Gulo gulo	Wolverine	M-GUGU
Gymnocanthus galeatus	Armorhead Sculpin	F-GYGA
Haematopus bachmani	Black Oystercatcher	B-BLOY
Haliaeetus leucocephalus	Bald Eagle	B-BAEA
Hemilepidotus hemilepidotus	Red Irish Lord	F-HEHE
Hemilepidotus spinosus	Brown Irish Lord	F-HESP
Hemitripterus bolini	Bigmouth Sculpin	F-HEBO
Heteroscelus incanus	Wandering Tattler	B-WATA
Hexagrammos decagrammus	Kelp Greenling	F-HEDE
Hexagrammos lagocephalus	Rock Greenling	F-HELA
Hexagrammos octogrammus	Masked Greenling	F-HEOC
Hexagrammos stelleri	Whitespotted Greenling	F-HEST
Hexanchus griseus	Sixgill Shark	F-HEGR
Himantopus mexicanus	Black-necked Stilt	B-BNST
Hiodon alosoides	Goldeye	F-HIAL
Hippoglossoides elassodon	Flathead Sole	F-HIEL
Hippoglossus stenolepis	Pacific Halibut	F-HIST
Hirundo pyrrhonota	Cliff Swallow	B-CLSW
Hirundo rustica	Barn Swallow	B-BASW
Histrionicus histrionicus	Harlequin Duck	B-HADU
Holtbyrnia latifrons	Teardrop Tubeshoulder	F-HOLA
Homo sapiens	Man	M-HOSA
Hybognathus hankinsoni	Brassy Minnow	F-HYHA
Hydrolagus colliei	Spotted Ratfish	F-HYCO
Hyla regilla	Pacific Treefrog	A-HYRE
Hyperprosopon argenteum	Walleye Surfperch	F-HYAR
Hyperprosopon ellipticum	Silver Surfperch	F-HYEL
Hypomesus pretiosus	Surf Smelt	F-HYPR
Hypsagonus quadricornis	Fourhorn Poacher	F-HYQU
Hypsiglena torquata	Night Snake	R-HYTO
Icelinus borealis	Northern Sculpin	F-ICBO
Icelinus burchami	Dusky Sculpin	F-ICBU
Icelinus filamentosus	Threadfin Sculpin	F-ICFI
Icelinus fimbriatus	Fringed Sculpin	F-ICFM
Icelinus tenuis	Spotfin Sculpin	F-ICTE
Icelus spiniger	Thorny Sculpin	F-ICSP
Ichthyococcus elongatus	Slim Lightfish	F-ICEL

Icichthys lockingtoni	Medusafish	F-ICLO
Icosteus aenigmaticus	Ragfish	F-ICAE
Ictalurus melas	Black Bullhead	F-ICME
Ictalurus nebulosus	Brown Bullhead	F-ICNE
Icteria virens	Yellow-breasted Chat	B-YBCH
Icterus galbula	Northern Oriole	B-NOOR
Inopsetta isolepis	Butter Sole	F-INIS
Ixobrychus exilis	Least Bittern	B-LEBI
Ixoreus naevius	Varied Thrush	B-VATH
Jordania zonope	Longfin Sculpin	F-JOZO
Junco hyemalis	Dark-eyed Junco	B-DEJU
Kogia simus	Dwarf Sperm Whale	M-KOSI
Lagenorhynchus obliquidens	Pacific White-sided Dolphin	M-LAOB
Lagopus lagopus	Willow Ptarmigan	B-WIPT
Lagopus leucurus	White-tailed Ptarmigan	B-WTPT
Lagopus mutus	Rock Ptarmigan	B-ROPT
Lamna ditropis	Salmon Shark	F-LADI
Lampadena urophaos	Taillight Lanternfish	F-LAUR
Lampanyctus regalis	Pinpoint Lanternfish	F-LARE
Lampanyctus ritteri	Broadfin Lanternfish	F-LARI
Lampetra ayresi	River Lamprey	F-LAAY
Lampetra macrostoma	Lake Lamprey	F-LAMA
Lampetra richardsoni	Brook Lamprey	F-LARC
Lampetra tridentata	Pacific Lamprey	F-LATR
Lampris guttatus	Opah	F-LAGU
Lanius excubitor	Northern Shrike	B-NOSH
Lanius ludovicianus	Loggerhead Shrike	B-LOSH
Larus argentatus	Herring Gull	B-HEGU
Larus californicus	California Gull	B-CAGU
Larus canus	Mew Gull	B-MEGU
Larus delawarensis	Ring-billed Gull	B-RBGU
Larus glaucescens	Glaucous-winged Gull	B-GWGU
Larus glaucoides	Iceland Gull	B-ICGU
Larus heermanni	Heermann's Gull	B-HEEG
Larus hyperboreus	Glaucous Gull	B-GLGU
Larus marinus	Great Black-backed Gull	B-GBBG
Larus minutus	Little Gull	B-LIGU
Larus occidentalis	Western Gull	B-WEGU
Larus philadelphia	Bonaparte's Gull	B-BOGU
Larus pipixcan	Franklin's Gull	B-FRGU
Larus ridibundus	Common Black-headed Gull	B-CBHG
Larus schistisagus	Slaty-backed Gull	B-SBGU
Larus thayeri	Thayer's Gull	B-THGU
Lasionycteris noctivagans	Silver-haired Bat	M-LANO
Lasiurus blossevilli	Southern Red Bat	M-LABL
Lasiurus cinereus	Hoary Bat	M-LACI
Lemmus sibiricus	Brown Lemming	M-LESI
Lepidogobius lepidus	Bay Goby	F-LELE
Lepidopsetta bilineata	Rock Sole	F-LEBI
Lepomis gibbosus	Pumpkinseed	F-LEGI
Leptocottus armatus	Staghorn Sculpin	F-LEAR
Lepus americanus	Snowshoe Hare	M-LEAM
Lepus townsendii	White-tailed Jackrabbit	M-LETO
Lestidiops ringens	Slender Barracudina	F-LERI
Leucosticte arctoa	Rosy Finch	B-ROFI
Limanda aspera	Yellowfin Sole	F-LIAS
Limnodromus griseus	Short-billed Dowitcher	B-SBDO
Limnodromus scolopaceus	Long-billed Dowitcher	B-LBDO

Limosa fedoa	Marbled Godwit	B-MAGO
Limosa haemastica	Hudsonian Godwit	B-HUGO
Limosa lapponica	Bar-tailed Godwit	B-BTGO
Liparis callyodon	Spotted Snailfish	F-LICA
Liparis cyclopus	Ribbon Snailfish	F-LICY
Liparis dennyi	Marbled Snailfish	F-LIDE
Liparis florae	Tidepool Snailfish	F-LIFL
Liparis fucensis	Slipskin Snailfish	F-LIFU
Liparis gibbus	Dusky Snailfish	F-LIGI
Liparis greeni	Lobefin Snailfish	F-LIGR
Liparis mucosus	Slimy Snailfish	F-LIMU
Liparis pulchellus	Showy Snailfish	F-LIPU
Liparis rutteri	Ringtail Snailfish	F-LIRU
Liparicus nanus	Pygmy Snailfish	F-LINA
Lissodelphis borealis	Northern Right-whale Dolphin	M-LIBO
Lontra canadensis	River Otter	M-LOCA
Lophodytes cucullatus	Hooded Merganser	B-HOME
Lota lota	Burbot	F-LOLO
Loxia curvirostra	Red Crossbill	B-RECR
Loxia leucoptera	White-winged Crossbill	B-WWCR
Lumpenella longirostris	Longsnout Prickleback	F-LULO
Lumpenus maculatus	Daubed Blenny	F-LUMA
Lumpenus sagitta	Pacific Snake Prickleback	F-LUSA
Lycenchelys crotalina	Snakehead Eelpout	F-LYCR
Lycenchelys jordani	Shortjaw Eelpout	F-LYJO
Lycodapus endemoscotus	Deepwater Slipskin	F-LYEN
Lycodapus fierasfer	Blackmouth Slipskin	F-LYFI
Lycodapus mandibularis	Pallid Slipskin	F-LYMA
Lycodapus pachysoma	Stout Slipskin	F-LYPA
Lycodapus parviceps	Stubraker Slipskin	F-LYPR
Lycodes brevipes	Shortfin Eelpout	F-LYBR
Lycodes cortezianus	Bigfin Eelpout	F-LYCO
Lycodes diapterus	Black Eelpout	F-LYDI
Lycodes pacificus	Blackbelly Eelpout	F-LYPC
Lycodes palearis	Wattled Eelpout	F-LYPL
Lyconectes aleutensis	Dwarf Wrymouth	F-LYAL
Lynx canadensis	Lynx	M-LYCA
Lynx rufus	Bobcat	M-LYRU
Lyopsetta exilis	Slender Sole	F-LYEX
Macropinna microstoma	Barreleye	F-MAMI
Malacocottus kincaidi	Blackfin Blobsculpin	F-MAKI
Malacocottus zonurus	Spinycheek Blobsculpin	F-MAZO
Mallotus villosus	Capelin	F-MAVI
Marmota caligata	Hoary Marmot	M-MACA
Marmota flaviventris	Yellow-bellied Marmot	M-MAFL
Marmota monax	Woodchuck	M-MAMO
Marmota vancouverensis	Vancouver Island Marmot	M-MAVA
Martes americana	Marten	M-MAAM
Martes pennanti	Fisher	M-MAPE
Maulisia argipalla	Pitted Tubeshoulder	F-MAAR
Medialuna californiensis	Halfmoon	F-MECA
Megaptera novaeangliae	Humpback Whale	M-MENO
Melamphaes lugubris	Highsnout Ridgehead	F-MELU
Melanerpes erythrocephalus	Red-headed Woodpecker	B-RHWO
Melanerpes lewis	Lewis' Woodpecker	B-LEWO
Melanitta fusca	White-winged Scoter	B-WWSC
Melanitta nigra	Black Scoter	B-BLSC
Melanitta perspicillata	Surf Scoter	B-SUSC

Melanonus zugmayeri	Coalfish	F-MEZU
Melanostigma pammelas	Pacific Softpout	F-MEPA
Meleagris gallopavo	Wild Turkey	B-WITU
Melospiza georgiana	Swamp Sparrow	B-SWSP
Melospiza lincolnii	Lincoln's Sparrow	B-LISP
Melospiza melodia	Song Sparrow	B-SOSP
Mephitis mephitis	Striped Skunk	M-MEME
Mergellus albellus	Smew	B-SMEW
Mergus merganser	Common Merganser	B-COME
Mergus serrator	Red-breasted Merganser	B-RBME
Merluccius productus	Pacific Hake	F-MEPR
Mesoplodon carlhubbsi	Arch-beaked Whale	M-MECA
Mesoplodon stejnegeri	Bering Sea Beaked Whale	M-MEST
Microgadus proximus	Pacific Tomcod	F-MIPR
Micropterus dolomieui	Smallmouth Bass	F-MIDO
Micropterus salmoides	Largemouth Bass	F-MI[illegible]A
Microstomus pacificus	Dover Sole	F-MI[illegible]A
Microtus longicaudus	Long-tailed Vole	M-MILO
Microtus montanus	Montane Vole	M-MIMO
Microtus oeconomus	Tundra Vole	M-MIOE
Microtus oregoni	Creeping Vole	M-MIOR
Microtus pennsylvanicus	Meadow Vole	M-MIPE
Microtus richardsoni	Water Vole	M-MIRI
Microtus townsendii	Townsend's Vole	M-MITO
Mimus polyglottos	Northern Mockingbird	B-NOMO
Mirounga angustirostris	Northern Elephant Seal	M-MIAN
Mniotilta varia	Black-and-white Warbler	B-BAWW
Mola mola	Ocean Sunfish	F-MOMO
Molothrus ater	Brown-headed Cowbird	B-BHCO
Montacilla flava	Yellow Wagtail	B-YEWG
Motacilla lugens	Black-backed Wagtail	B-BBWG
Mus musculus	House Mouse	M-MUMU
Mustela erminea	Ermine	M-MUER
Mustela frenata	Long-tailed Weasel	M-MUFR
Mustela nivalis	Least Weasel	M-MUNI
Mustela vison	Mink	M-MUVI
Myadestes townsendi	Townsend's Solitaire	B-TOSO
Mycteria americana	Wood Stork	B-WOST
Myiarchus cinerascens	Ash-throated Flycatcher	B-ATFL
Myioborus pictus	Painted Redstart	B-PARE
Mylocheilus caurinus	Peamouth Chub	F-MYCA
Myocastor coypus	Nutria	M-MYCO
Myotis californicus	California Myotis	M-MYCA
Myotis ciliolabrum	Western Small-footed Myotis	M-MYCI
Myotis evotis	Western Long-eared Myotis	M-MYEV
Myotis keenii	Keen's Long-eared Myotis	M-MYKE
Myotis lucifugus	Little Brown Myotis	M-MYLU
Myotis septentrionalis	Northern Long-eared Myotis	M-MYSE
Myotis thysanodes	Fringed Myotis	M-MYTH
Myotis volans	Long-legged Myotis	M-MYVO
Myotis yumanensis	Yuma Myotis	M-MYYU
Myoxocephalus polyacanthocephalus	Great Sculpin	F-MYPO
Myoxocephalus scorpius	Shorthorn Sculpin	F-MYSC
Nansenia candida	Bluethroat Argentine	F-NACA
Naucrates ductor	Pilotfish	F-NADU
Nautichthys oculofasciatus	Sailfin Sculpin	F-NAOC
Nautichthys robustus	Smallsail Sculpin	F-NARO
Nectoliparis pelagicus	Tadpole Snailfish	F-NEPE

Nemichthys scolopaceus	Slender Snipe Eel	F-NESC
Neoscopelus macrolepidotus	Glowingfish	F-NEMA
Neotoma cinerea	Bushy-tailed Woodrat	M-NECI
Neurotrichus gibbsii	Shrew-mole	M-NEGI
Nezumia stelgidolepis	Lamp Grenadier	F-NEST
Notolepis rissoi	Ribbon Barracudina	F-NORI
Notorynchus maculatus	Sevengill Shark	F-NOMA
Notoscopelus japonicus	Spiny Lanternfish	F-NOJA
Notropis atherinoides	Emerald Shiner	F-NOAT
Notropis hudsonius	Spottail Shiner	F-NOHU
Nucifraga columbiana	Clark's Nutcracker	B-CLNU
Numenius americanus	Long-billed Curlew	B-LBCU
Numenius madagascariensis	Far Eastern Curlew	B-FECU
Numenius phaeopus	Whimbrel	B-WHIM
Numenius tahitiensis	Bristle-thighed Curlew	B-BTCU
Nyctea scandiaca	Snowy Owl	B-SNOW
Nycticorax nycticorax	Blacked-crowned Night-Heron	B-BCNH
Nyctinomops macrotis	Big Free-tailed Bat	M-NYMA
Occella verrucosa	Warty Poacher	F-OCVE
Oceanodroma furcata	Fork-tailed Storm-Petrel	B-FTSP
Oceanodroma leucorhoa	Leach's Storm-Petrel	B-LSPE
Ochotona collaris	Collared Pika	M-OCCO
Ochotona princeps	Common Pika	M-OCPR
Odocoileus hemionus	Mule Deer	M-ODHE
Odocoileus virginiana	White-tailed Deer	M-ODVI
Odontopyxis trispinosa	Pygmy Poacher	F-ODTR
Oenanthe oenanthe	Northern Wheatear	B-NOWH
Oligocottus maculosus	Tidepool Sculpin	F-OLMA
Oligocottus rimensis	Saddleback Sculpin	F-OLRI
Oligocottus snyderi	Fluffy Sculpin	F-OLSN
Oncorhynchus gorbuscha	Pink Salmon	F-ONGO
Oncorhynchus keta	Chum Salmon	F-ONKE
Oncorhynchus kisutch	Coho Salmon	F-ONKI
Oncorhynchus nerka	Sockeye Salmon	F-ONNE
Oncorhynchus tshawytscha	Chinook Salmon	F-ONTS
Ondatra zibethicus	Muskrat	M-ONZI
Oneirodes bulbosus	Bulbous Dreamer	F-ONBU
Oneirodes thompsoni	Spiny Dreamer	F-ONTH
Ophiodon elongatus	Lingcod	F-OPEL
Oporornis agilis	Connecticut Warbler	B-COWA
Oporornis philadelphia	Mourning Warbler	B-MOWA
Oporornis tolmiei	MacGillivray's Warbler	B-MGWA
Opostomias mitsuii	Pitgum Dragonfish	F-OPMI
Orcinus orca	Killer Whale	M-ORCA
Oreamnos americanus	Mountain Goat	M-ORAM
Oreortyx pictus	Mountain Quail	B-MOQU
Oreoscoptes montanus	Sage Thrasher	B-SATH
Oryctolagus cuniculus	European Rabbit	M-ORCU
Osmerus mordax	Rainbow Smelt	F-OSMO
Osteodiscus cascadiae	Bigtailed Snailfish	F-OSCA
Otus flammeolus	Flammulated Owl	B-FLOW
Otus kennicottii	Western Screech-Owl	B-WSOW
Ovis canadensis	Bighorn Sheep	M-OVCA
Ovis dalli	Thinhorn Sheep	M-OVDA
Oxylebius pictus	Painted Greenling	F-OXPI
Oxyura jamaicensis	Ruddy Duck	B-RUDU
Pachycara bulbiceps	Abyssal Eelpout	F-PABU
Pachycara gymninium	Nakedneck Eelpout	F-PAGY

Pachycara lepinium	Scalyneck Eelpout	F-PALE
Pagophila eburnea	Ivory Gull	B-IVGU
Pallasina barbata	Tubenose Poacher	F-PABA
Pandion haliaetus	Osprey	B-OSPR
Paralepis atlantica	Duckbill Barracudina	F-PAAT
Paraliparis cephalus	Swellhead Snailfish	F-PACE
Paraliparis deani	Prickly Snailfish	F-PADE
Paraliparis latifrons	Bigpored Snailfish	F-PALA
Paraliparis paucidens	Toothless Snailfish	F-PAPA
Paraliparis rosaceus	Pink Snailfish	F-PARO
Paricelinus hopliticus	Thornback Sculpin	F-PAHO
Parophrys vetulus	English Sole	F-PAVE
Parus atricapillus	Black-capped Chickadee	B-BCCH
Parus gambeli	Mountain Chickadee	B-MOCH
Parus hudsonicus	Boreal Chickadee	B-BOCH
Parus rufescens	Chestnut-backed Chickadee	B-CBCH
Passer domesticus	House Sparrow	B-HOSP
Passerculus sandwichensis	Savannah Sparrow	B-SAVS
Passerella iliaca	Fox Sparrow	B-FOSP
Passerina amoena	Lazuli Bunting	B-LZBU
Passerina cyanea	Indigo Bunting	B-INBU
Pelecanus erythrorhynchos	American White Pelican	B-AWPE
Pelecanus occidentalis	Brown Pelican	B-BRPE
Pentaceros richardsoni	Pelagic Armorhead	F-PERI
Peprilus simillimus	Pacific Pompano	F-PESI
Perca flavescens	Yellow Perch	F-PEFL
Percopsis omiscomaycus	Trout perch	F-PEOM
Perdix perdix	Gray Partridge	B-GRPA
Perisoreus canadensis	Gray Jay	B-GRJA
Perognathus parvus	Great Basin Pocket Mouse	M-PEPA
Peromyscus maniculatus	Deer Mouse	M-PEMA
Peromyscus oreas	Columbian Mouse	M-PEOR
Peromyscus sitkensis	Sitka Mouse	M-PESI
Phalacrocorax auritus	Doubled-crested Cormorant	B-DCCO
Phalacrocorax pelagicus	Pelagic Cormorant	B-PECO
Phalacrocorax penicillatus	Brandt's Cormorant	B-BRCO
Phalacrocorax urile	Red-faced Cormorant	B-RFCO
Phalaenoptilus nuttallii	Common Poorwill	B-COPO
Phalaropus fulicaria	Red Phalarope	B-REPH
Phalaropus lobatus	Red-necked Phalarope	B-RNPL
Phalaropus tricolor	Wilson's Phalarope	B-WIPH
Phanerodon furcatus	White Seaperch	F-PHFU
Phasianus colchicus	Ring-necked Pheasant	B-RNPH
Phenacomys intermedius	Heather Vole	M-PHIN
Pheucticus ludovicianus	Rose-breasted Grosbeak	B-RBGR
Pheucticus melanocephalus	Black-headed Grosbeak	B-BHGR
Philomachus pugnax	Ruff	B-RUFF
Phoca vitulina	Harbor Seal	M-PHVI
Phocoena phocoena	Harbor Porpoise	M-PHPH
Phocoenoides dalli	Dall's Porpoise	M-PHDA
Pholis clemensi	Longfin Gunnel	F-PHCL
Pholis laeta	Crescent Gunnel	F-PHLA
Pholis ornata	Saddleback Gunnel	F-PHOR
Pholis schultzi	Red Gunnel	F-PHSC
Phrynosoma douglassii	Short-horned Lizard	R-PHDO
Physeter macrocephalus	Sperm Whale	M-PHMA
Phytichthys chirus	Ribbon Prickleback	F-PHCH
Pica pica	Black-billed Magpie	B-BBMA

Picoides albolarvatus	White-headed Woodpecker	B-WHWO
Picoides arcticus	Black-backed Woodpecker	B-BBWO
Picoides pubescens	Downy Woodpecker	B-DOWO
Picoides tridactylus	Three-toed Woodpecker	B-TTWO
Picoides villosus	Hairy Woodpecker	B-HAWO
Pimephales promelas	Flathead Minnow	F-PIPR
Pinicola enucleator	Pine Grosbeak	B-PIGR
Pipilo chlorurus	Green-tailed Towhee	B-GTTO
Pipilo erythrophthalmus	Rufous-sided Towhee	B-RSTO
Piranga ludoviciana	Western Tanager	B-WETA
Pirange olivacea	Scarlet Tanager	B-SCTA
Pituophis melanoleucus	Gopher Snake	R-PIME
Platichthys stellatus	Starry Flounder	F-PLST
Platygobio gracilis	Flathead Chub	F-PLGR
Plecotus townsendii	Townsend's Big-eared Bat	M-PLTO
Plectobranchus evides	Bluebarred Prickleback	F-PLEV
Plectrophenax hyperboreus	McKay's Bunting	B-MCBU
Plectrophenax nivalis	Snow Bunting	B-SNBU
Plegadis chihi	White-faced Ibis	B-WFIB
Plethodon idahoensis	Coeur d'Alene Salamander	A-PLID
Plethodon vehiculum	Western Red-backed Salamander	A-PLVE
Pleurogrammus monopterygius	Atka Mackerel	F-PLMO
Pleuronichthys coenosus	C-O Sole	F-PLCO
Pleuronichthys decurrens	Curlfin Sole	F-PLDE
Pluvialis dominica	Lesser Golden-Plover	B-LGPL
Pluvialis squatarola	Black-bellied Plover	B-BBPL
Podiceps auritus	Horned Grebe	B-HOGR
Podiceps grisegena	Red-necked Grebe	B-RNGR
Podiceps nigricollis	Eared Grebe	B-EAGR
Podilymbus podiceps	Pied-billed Grebe	B-PBGR
Polioptila caerulea	Blue-gray Gnatcatcher	B-BGGN
Polyacanthonotus challengeri	Longnose Tapirfish	F-POCH
Polysticta stelleri	Steller's Eider	B-STEI
Pomoxis nigromaculatus	Black Crappie	F-PONI
Pooecetes gramineus	Vesper Sparrow	B-VESP
Porichthys notatus	Plainfin Midshipman	F-PONO
Poroclinus rothrocki	Whitebarred Prickleback	F-PORO
Poromitra crassiceps	Crested Ridgehead	F-POCR
Porzana carolina	Sora	B-SORA
Prionace glauca	Blue Shark	F-PRGL
Procyon lotor	Raccoon	M-PRLO
Progne subis	Purple Martin	B-PUMA
Prosopium coulteri	Pygmy Whitefish	F-PRCO
Prosopium cylindraceum	Round Whitefish	F-PRCY
Prosopium williamsoni	Mountain Whitefish	F-PRWI
Protomyctophum crockeri	Southern Flashlightfish	F-PRCR
Protomyctophum thompsoni	Northern Flashlightfish	F-PRTH
Psaltriparus minimus	Bushtit	B-BUSH
Psettichthys melanostictus	Sand Sole	F-PSME
Pseudacris triseriata	Striped Chorus Frog	A-PSTR
Pseudorca crassidens	False Killer Whale	M-PSCR
Psychrolutes paradoxus	Tadpole Sculpin	F-PSPA
Psychrolutes phrictus	Giant Blobsculpin	F-PSPH
Psychrolutes sigalutes	Soft Sculpin	F-PSSI
Pterodroma inexpectata	Mottled Petrel	B-MOPE
Ptilichthys goodei	Quillfish	F-PTGO
Ptychocheilus oregonensis	Northern Squawfish	F-PTOR
Ptychoramphus aleuticus	Cassin's Auklet	B-CAAU

Puffinus bulleri	Buller's Shearwater	B-BLSH
Puffinus carneipes	Flesh-footed Shearwater	B-FFSH
Puffinus creatopus	Pink-footed Shearwater	B-PFSH
Puffinus griseus	Sooty Shearwater	B-SOSH
Puffinus opisthomelas	Black-vented Shearwater	B-BVSH
Puffinus tenuirostris	Short-tailed Shearwater	B-STSH
Pungitius pungitius	Ninespine Stickleback	F-PUPU
Quiscalus mexicanus	Great-tailed Grackle	B-GTGR
Quiscalus quiscula	Common Grackle	B-COGR
Radulinus asprellus	Slim Sculpin	F-RAAS
Radulinus boleoides	Darter Sculpin	F-RABO
Radulinus taylori	Spinynose Sculpin	F-RATA
Raja badia	Broad Skate	F-RABA
Raja binoculata	Big Skate	F-RABI
Raja rhina	Longnose Skate	F-RARH
Raja stellulata	Starry Skate	F-RAST
Rallus limicola	Virginia Rail	B-VIRA
Rana aurora	Red-legged Frog	A-RAAU
Rana catesbeiana	American Bullfrog	A-RACA
Rana clamitans	Green Frog	A-RACL
Rana pipiens	Northern Leopard Frog	A-RAPI
Rana pretiosa	Spotted Frog	A-RAPR
Rana sylvatica	Wood Frog	A-RASY
Rangifer tarandus	Caribou	M-RATA
Rattus norvegicus	Norway Rat	M-RANO
Rattus rattus	Black Rat	M-RARA
Recurvirostra americana	American Avocet	B-AMAV
Regulus calendula	Ruby-crowned Kinglet	B-RCKI
Regulus satrapa	Golden-crowned Kinglet	B-GCKI
Reinhardtius hippolossoides	Greenland Halibut	F-REHI
Reithrodontomys megalotis	Western Harvest Mouse	M-REME
Remora australis	Whalesucker	F-REAU
Rhacochilus vacca	Pile Perch	F-RHVA
Rhamphocottus richardsoni	Grunt Sculpin	F-RHRI
Rhinichthys cataractae	Longnose Dace	F-RHCA
Rhinichthys falcatus	Leopard Dace	F-RHFA
Rhinichthys osculus	Speckled Dace	F-RHOS
Rhinichthys umatilla	Umatilla Dace	F-RHUM
Rhinoliparis attenuatus	Slim Snailfish	F-RHAT
Rhodostethia rosea	Ross' Gull	B-ROGU
Richardsonius balteatus	Redside Shiner	F-RIBA
Rimicola muscarum	Kelp Clingfish	F-RIMU
Riparia riparia	Bank Swallow	B-BKSW
Rissa tridactyla	Black-legged Kittiwake	B-BLKI
Roccus saxatilis	Striped Bass	F-ROSA
Ronquilus jordani	Northern Ronquil	F-ROJO
Sagamichthys abei	Shining Tubeshoulder	F-SAAB
Salmo clarki	Cutthroat Trout	F-SACL
Salmo gairdneri	Rainbow Trout	F-SAGA
Salmo salar	Atlantic Salmon	F-SASA
Salmo trutta	Brown Trout	F-SATR
Salpinctes obsoletus	Rock Wren	B-ROWR
Salvelinus confluentus	Bull Trout	F-SACO
Salvelinus fontinalis	Brook Trout	F-SAFO
Salvelinus malma	Dolly Varden	F-SAMA
Salvelinus namaycush	Lake Trout	F-SANA
Sarda chiliensis	Pacific Bonito	F-SACH
Sardinops sagax	Pacific Sardine	F-SASG

Sarritor frenatus	Sawback Poacher	F-SAFR
Sayornis nigricans	Black Phoebe	B-BLPH
Sayornis phoebe	Eastern Phoebe	B-EAPH
Sayornis saya	Say's Phoebe	B-SAPH
Scapanus orarius	Coast Mole	M-SCOR
Scapanus townsendii	Townsend's Mole	M-SCTO
Scaphiopus intermontanus	Great Basin Spadefoot Toad	A-SCIN
Sciurus carolinensis	Gray Squirrel	M-SCCA
Sciurus niger	Fox Squirrel	M-SCNI
Scomber japonicus	Chub Mackerel	F-SCJA
Scopelogadus mizolepis	Flabby Ridgehead	F-SCMI
Scopelosaurus harryi	Scaly Waryfish	F-SCHA
Scorpaenichthys marmoratus	Cabezon	F-SCMA
Scytalina cerdale	Graveldiver	F-SCCE
Sebastes aleutianus	Rougheye Rockfish	F-SEAL
Sebastes alutus	Pacific Ocean Perch	F-SEAT
Sebastes auriculatus	Brown Rockfish	F-SEAU
Sebastes aurora	Aurora Rockfish	F-SEAR
Sebastes babcocki	Redbanded Rockfish	F-SEBA
Sebastes borealis	Shortraker Rockfish	F-SEBO
Sebastes brevispinis	Silvergray Rockfish	F-SEBR
Sebastes caurinus	Copper Rockfish	F-SECA
Sebastes ciliatus	Dusky Rockfish	F-SECI
Sebastes crameri	Darkblotch Rockfish	F-SECR
Sebastes diploprora	Splitnose Rockfish	F-SEDI
Sebastes elongatus	Greenstripe Rockfish	F-SEEL
Sebastes emphaeus	Puget Sound Rockfish	F-SEEM
Sebastes entomelas	Widow Rockfish	F-SEEN
Sebastes flavidus	Yellowtail Rockfish	F-SEFL
Sebastes goodei	Chilipepper	F-SEGO
Sebastes helvomaculatus	Rosethorn Rockfish	F-SEHE
Sebastes jordani	Shortbelly Rockfish	F-SEJO
Sebastes maliger	Quillback Rockfish	F-SEMA
Sebastes melanops	Black Rockfish	F-SEME
Sebastes miniatus	Vermilion Rockfsih	F-SEMI
Sebastes mystinus	Blue Rockfish	F-SEMY
Sebastes nebulosus	China Rockfish	F-SENE
Sebastes nigrocinctus	Tiger Rockfish	F-SENI
Sebastes paucispinis	Bocaccio	F-SEPA
Sebastes pinniger	Canary Rockfish	F-SEPI
Sebastes proriger	Redstripe Rockfish	F-SEPR
Sebastes reedi	Yellowmouth Rockfish	F-SERE
Sebastes ruberrimus	Yelloweye Rockfish	F-SERU
Sebastes saxicola	Stripetail Rockfish	F-SESA
Sebastes variegatus	Harlequin Rockfish	F-SEVA
Sebastes wilsoni	Pygmy Rockfish	F-SEWI
Sebastes zacentrus	Sharpchin Rockfish	F-SEZA
Sebastolobus alascanus	Shortspine Thornyhead	F-SEAS
Sebastolobus altivelis	Longspine Thornyhead	F-SEAI
Seiurus aurocapillus	Ovenbird	B-OVEN
Seiurus noveboracensis	Northern Waterthrush	B-NOWA
Selasphorus rufus	Rufous Hummingbird	B-RUHU
Semotilus margarita	Pearl Dace	F-SEMR
Seriola lalandi	Yellowtail	F-SELA
Seriphus politus	Queenfish	F-SEPO
Serrivomer jesperseni	Crossthroat Sawpalate	F-SEJE
Setophaga ruticilla	American Redstart	B-AMRE
Sialia currucoides	Mountain Bluebird	B-MOBL

Sialia mexicana	Western Bluebird	B-WEBL
Sitta canadensis	Red-breasted Nuthatch	B-RBNU
Sitta carolinensis	White-breasted Nuthatch	B-WBNU
Sitta pygmaea	Pygmy Nuthatch	B-PYNU
Somateria mollissima	Common Eider	B-COEI
Somateria spectabilis	King Eider	B-KIEI
Somniosus pacificus	Pacific Sleeper Shark	F-SOPA
Sonora semiannulata	Ground Snake	R-SOSE
Sorex arcticus	Black-backed Shrew	M-SOAR
Sorex bendirii	Pacific Water Shrew	M-SOBE
Sorex cinereus	Common Shrew	M-SOCI
Sorex hoyi	Pygmy Shrew	M-SOHO
Sorex monticolus	Dusky Shrew	M-SOMO
Sorex palustrus	Water Shrew	M-SOPA
Sorex trowbridgii	Trowbridge's Shrew	M-SOTR
Sorex tundrensis	Tundra Shrew	M-SOTU
Sorex vagrans	Vagrant Shrew	M-SOVA
Spectrunculus grandis	Giant Cuskeel	F-SPGR
Spermophilus columbianus	Columbian Ground Squirrel	M-SPCO
Spermophilus lateralis	Golden-mantled Ground Squirrel	M-SPLA
Spermophilus parryii	Arctic Ground Squirrel	M-SPPA
Spermophilus saturatus	Cascade Mantled Ground Squirrel	M-SPSA
Sphyraena argentea	Pacific Barracuda	F-SPAR
Sphyrapicus nuchalis	Red-naped Sapsucker	B-RNSA
Sphyrapicus ruber	Red-breasted Sapsucker	B-RBSA
Sphyrapicus thyroideus	Williamson's Sapsucker	B-WISA
Sphyrapicus varius	Yellow-bellied Sapsucker	B-YBSA
Spilogale putorius	Spotted Skunk	M-SPPU
Spirinchus starksi	Night Smelt	F-SPST
Spirinchus thaleichthys	Longfin Smelt	F-SPTH
Spiza americana	Dickcissel	B-DICK
Spizella arborea	American Tree Sparrow	B-ATSP
Spizella breweri	Brewer's Sparrow	B-BRSP
Spizella pallida	Clay-colored Sparrow	B-CCSP
Spizella passerina	Chipping Sparrow	B-CHSP
Squalus acanthias	Spiny Dogfish	F-SQAC
Stelgidopteryx serripennis	Northern Rough-winged Swallow	B-NRWS
Stellerina xyosterna	Pricklebreast Poacher	F-STXY
Stellula calliope	Calliope Hummingbird	B-CAHU
Stenella coeruleoalba	Striped Dolphin	M-STCO
Stenobrachius leucopsarus	Northern Lanternfish	F-STLE
Stenobrachius nannochir	Garnet Lanternfish	F-STNA
Stenodus leucichthys	Inconnu	F-STLU
Stercorarius longicaudus	Long-tailed Jaeger	B-LTJA
Stercorarius parasiticus	Parasitic Jaeger	B-PAJA
Stercorarius pomarinus	Pomarine Jaeger	B-POJA
Sterna aleutica	Aleutian Tern	B-ALTE
Sterna caspia	Caspian Tern	B-CATE
Sterna elegans	Elegant Tern	B-ELTE
Sterna forsteri	Forster's Tern	B-FOTE
Sterna hirundo	Common Tern	B-COTE
Sterna paradisaea	Arctic Tern	B-ARTE
Sternoptyx pseudobscura	Highlight Hatchetfish	F-STPS
Stichaeus punctatus	Arctic Shanny	F-STPU
Stizostedion vitreum	Walleye	F-STVI
Strix nebulosa	Great Gray Owl	B-GGOW
Strix occidentalis	Spotted Owl	B-SPOW
Strix varia	Barred Owl	B-BAOW

Sturnella neglecta	Western Meadowlark	B-WEME
Sturnus vulgaris	European Starling	B-EUST
Surnia ulula	Northern Hawk Owl	B-NHOW
Sylvilagus floridanus	Eastern Cottontail	M-SYFL
Sylvilagus nuttallii	Nuttall's Cottontail	M-SYNU
Symbolophorus californiensis	Bigfin Lanternfish	F-SYCA
Synaptomys borealis	Northern Bog Lemming	M-SYBO
Synchirus gilli	Manacled Sculpin	F-SYGI
Syngnathus leptorhynchus	Bay Pipefish	F-SYLE
Synodus lucioceps	Smallscale Lizardfish	F-SYLU
Synthliboramphus antiquus	Ancient Murrelet	B-ANMU
Synthliboramphus hypoleucus	Xantus' Murrelet	B-XAMU
Tachycineta bicolor	Tree Swallow	B-TRSW
Tachycineta thalassina	Violet-green Swallow	B-VGSW
Tactostoma macropus	Longfin Dragonfish	F-TAMA
Talismania bifurcata	Threadfin Slickhead	F-TABI
Tamias amoenus	Yellow-pine Chipmunk	M-TAAM
Tamias minimus	Least Chipmunk	M-TAMI
Tamias ruficaudus	Red-tailed Chipmunk	M-TARU
Tamias townsendii	Townsend's Chipmunk	M-TATO
Tamiasciurus douglasii	Douglas' Squirrel	M-TADO
Tamiasciurus hudsonicus	Red Squirrel	M-TAHU
Taractes asper	Rough Pomfet	F-TAAS
Taranetzella lyoderma	Ghostly Eelpout	F-TALY
Taricha granulosa	Rough-skinned Newt	A-TAGR
Tarletonbeania crenularis	Southern Blue Lanternfish	F-TACR
Tarletonbeania taylori	Northern Blue Lanternfish	F-TATA
Taxidea taxus	Badger	M-TATA
Tetragonurus cuvieri	Smalleye Squaretail	F-TECU
Thaleichthys pacificus	Eulachon	F-THPA
Thamnophis elegans	Western Garter Snake	R-THEL
Thamnophis ordinoides	Northwestern Garter Snake	R-THOR
Thamnophis sirtalis	Common Garter Snake	R-THSI
Theragra chalcogramma	Walleye Pollock	F-THCH
Thomomys talpoides	Northern Pocket Gopher	M-THTA
Thryomanes bewickii	Bewick's Wren	B-BEWR
Thunnus alalunga	Albacore	F-THAL
Thunnus thynnus	Bluefin Tuna	F-THTH
Thymallus arcticus	Arctic Grayling	F-THAR
Tinca tinca	Tench	F-TITI
Torpedo californica	Pacific Electric Ray	F-TOCA
Toxostoma rufum	Brown Thrasher	B-BRTH
Trachipterus altivelis	King-of-the-salmon	F-TRAL
Trachurus symmetricus	Jack Mackerel	F-TRSY
Trichodon trichodon	Pacific Sandfish	F-TRTR
Triglops macellus	Roughspine Sculpin	F-TRMA
Triglops pingeli	Ribbed Sculpin	F-TRPI
Tringa erythropus	Spotted Redshank	B-SPRE
Tringa flavipes	Lesser Yellowlegs	B-LEYE
Tringa melanoleuca	Greater Yellowlegs	B-GRYE
Tringa solitaria	Solitary Sandpiper	B-SOSA
Troglodytes aedon	House Wren	B-HOWR
Troglodytes troglodytes	Winter Wren	B-WIWR
Tryngites subruficollis	Buff-breasted Sandpiper	B-BBSA
Turdus migratorius	American Robin	B-AMRO
Tympanuchus phasianellus	Sharp-tailed Grouse	B-STGR
Tyrannus crassirostris	Thick-billed Kingbird	B-TBKI
Tyrannus dominicensis	Gray Kingbird	B-GRKI

Tyrannus forficatus	Scissor-tailed Flycatcher	B-STFL
Tyrannus melancholichus	Tropical Kingbird	B-TRKI
Tyrannus tyrannus	Eastern Kingbird	B-EAKI
Tyrannus verticalis	Western Kingbird	B-WEKI
Tyto alba	Barn Owl	B-BNOW
Uria aalge	Common Murre	B-COMU
Uria lomvia	Thick-billed Murre	B-TBMU
Ursus americanus	Black Bear	M-URAM
Ursus arctos	Grizzly Bear	M-URAR
Vermivora celata	Orange-crowned Warbler	B-OCWA
Vermivora peregrina	Tennessee Warbler	B-TEWA
Vermivora ruficapilla	Nashville Warbler	B-NAWA
Vireo gilvus	Warbling Vireo	B-WAVI
Vireo huttoni	Hutton's Vireo	B-HUVI
Vireo olivaceus	Red-eyed Vireo	B-REVI
Vireo philadelphicus	Philadelphia Vireo	B-PHVI
Vireo solitarius	Solitary Vireo	B-SOVI
Vulpes vulpes	Red Fox	M-VUVU
Wilsonia canadensis	Canada Warbler	B-CAWA
Wilsonia pusilla	Wilson's Warbler	B-WIWA
Xanthocephalus xanthocephalus	Yellow-headed Blackbird	B-YHBL
Xema sabini	Sabine's Gull	B-SAGU
Xeneretmus latifrons	Blacktip Poacher	F-XELA
Xeneretmus leiops	Cutfin Poacher	F-XELE
Xeneretmus triacanthus	Bluespotted Poacher	F-XETR
Xenomystax atrarius	Twinpored Eel	F-XEAT
Xenus cincereus	Terek Sandpiper	B-TESA
Xererpes fucorum	Rockweed Gunnel	F-XEFU
Xiphias gladius	Swordfish	F-XIGL
Xiphister atropurpureus	Black Prickleback	F-XIAT
Xiphister mucosus	Rock Prickleback	F-XIMU
Zalophus californianus	California Sea Lion	M-ZACA
Zaniolepis latipinnus	Longspine Combfish	F-ZALA
Zaprora silenus	Prowfish	F-ZASI
Zapus hudsonius	Meadow Jumping Mouse	M-ZAHU
Zapus princeps	Western Jumping Mouse	M-ZAPR
Zapus trinotatus	Pacific Jumping Mouse	M-ZATR
Zenaida asiatica	White-winged Dove	B-WWDO
Zenaida macroura	Mourning Dove	B-MODO
Ziphius cavirostris	Goose-beaked Whale	M-ZICA
Zonotrichia albicollis	White-throated Sparrow	B-WTSP
Zonotrichia atricapilla	Golden-crowned Sparrow	B-GCSP
Zonotrichia leucophrys	White-crowned Sparrow	B-WCSP
Zonotrichia querula	Harris' Sparrow	B-HASP

ALPHABETICAL SEQUENCE BY SPECIES CODES

The following list is ordered alphabetically by species codes within each of the five categories: amphibians (A), birds (B), marine and freshwater fishes (F), mammals (M) and reptiles (R). Associated scientific and English names are also listed.

A-AMGR	*Ambystoma gracile*	Northwestern Salamander
A-AMMA	*Ambystoma macrodactylum*	Long-toed Salamander
A-AMTI	*Ambystoma tigrinum*	Tiger Salamander
A-ANFE	*Aneides ferreus*	Clouded Salamander
A-ASTR	*Ascaphus truei*	Tailed Frog
A-BUBO	*Bufo boreas*	Western Toad
A-DIEN	*Dicamptodon ensatus*	Pacific Giant Salamander
A-ENES	*Ensatina eschscholtzii*	Ensatina Salamander
A-HYRE	*Hyla regilla*	Pacific Treefrog
A-PLID	*Plethodon idahoensis*	Coeur d'Alene Salamander
A-PLVE	*Plethodon vehiculum*	Western Red-backed Salamander
A-PSTR	*Pseudacris triseriata*	Striped Chorus Frog
A-RAAU	*Rana aurora*	Red-legged Frog
A-RACA	*Rana catesbeiana*	American Bullfrog
A-RACL	*Rana clamitans*	Green Frog
A-RAPI	*Rana pipiens*	Northern Leopard Frog
A-RAPR	*Rana pretiosa*	Spotted Frog
A-RASY	*Rana sylvatica*	Wood Frog
A-SCIN	*Scaphiopus intermontanus*	Great Basin Spadefoot Toad
A-TAGR	*Taricha granulosa*	Rough-skinned Newt
B-ABDU	*Anas rubripes*	American Black Duck
B-ACFL	*Empidonax virescens*	Acadian Flycatcher
B-ALFL	*Empidonax alnorum*	Alder Flycatcher
B-ALTE	*Sterna aleutica*	Aleutian Tern
B-AMAV	*Recurvirostra americana*	American Avocet
B-AMBI	*Botaurus lentiginosus*	American Bittern
B-AMCO	*Fulica americana*	American Coot
B-AMCR	*Corvus brachyrhynchos*	American Crow
B-AMDI	*Cinclus mexicanus*	American Dipper
B-AMGO	*Carduelis tristis*	American Goldfinch
B-AMKE	*Falco sparverius*	American Kestrel
B-AMRE	*Setophaga ruticilla*	American Redstart
B-AMRO	*Turdus migratorius*	American Robin
B-AMWI	*Anas americana*	American Wigeon
B-ANHU	*Calypte anna*	Anna's Hummingbird
B-ANMU	*Synthliboramphus antiquus*	Ancient Murrelet
B-ARTE	*Sterna paradisaea*	Arctic Tern
B-ATFL	*Myiarchus cinerascens*	Ash-throated Flycatcher
B-ATSP	*Spizella arborea*	American Tree Sparrow
B-AWPE	*Pelecanus erythrorhynchos*	American White Pelican
B-BAEA	*Haliaeetus leucocephalus*	Bald Eagle
B-BAGO	*Bucephala islandica*	Barrow's Goldeneye
B-BAOW	*Strix varia*	Barred Owl
B-BASA	*Calidris bairdii*	Baird's Sandpiper

B-BASP	*Ammodramus bairdii*	Baird's Sparrow
B-BASW	*Hirundo rustica*	Barn Swallow
B-BATE	*Anas formosa*	Baikal Teal
B-BAWW	*Mniotilta varia*	Black-and-white Warbler
B-BBCU	*Coccyzus erythropthalmus*	Black-billed Cuckoo
B-BBMA	*Pica pica*	Black-billed Magpie
B-BBPL	*Pluvialis squatarola*	Black-bellied Plover
B-BBSA	*Tryngites subruficollis*	Buff-breasted Sandpiper
B-BBWA	*Dendroica castanea*	Bay-breasted Warbler
B-BBWG	*Motacilla lugens*	Black-backed Wagtail
B-BBWO	*Picoides arcticus*	Black-backed Woodpecker
B-BCCH	*Parus atricapillus*	Black-capped Chickadee
B-BCHU	*Archilochus alexandri*	Black-chinned Hummingbird
B-BCNH	*Nycticorax nycticorax*	Blacked-crowned Night-Heron
B-BEKI	*Ceryle alcyon*	Belted Kingfisher
B-BEWR	*Thryomanes bewickii*	Bewick's Wren
B-BFAL	*Diomedea nigripes*	Black-footed Albatross
B-BGGN	*Polioptila caerulea*	Blue-gray Gnatcatcher
B-BHCO	*Molothrus ater*	Brown-headed Cowbird
B-BHGR	*Pheucticus melanocephalus*	Black-headed Grosbeak
B-BKSW	*Riparia riparia*	Bank Swallow
B-BLGR	*Dendragapus obscurus*	Blue Grouse
B-BLJA	*Cyanocitta cristata*	Blue Jay
B-BLKI	*Rissa tridactyla*	Black-legged Kittiwake
B-BLOY	*Haematopus bachmani*	Black Oystercatcher
B-BLPH	*Sayornis nigricans*	Black Phoebe
B-BLSC	*Melanitta nigra*	Black Scoter
B-BLSH	*Puffinus bulleri*	Buller's Shearwater
B-BLSW	*Cypseloides niger*	Black Swift
B-BLTE	*Chlidonias niger*	Black Tern
B-BLTU	*Arenaria melanocephala*	Black Turnstone
B-BLWA	*Dendroica fusca*	Blackburnian Warbler
B-BNOW	*Tyto alba*	Barn Owl
B-BNST	*Himantopus mexicanus*	Black-necked Stilt
B-BOBO	*Dolichonyx oryzivorus*	Bobolink
B-BOCH	*Parus hudsonicus*	Boreal Chickadee
B-BOGU	*Larus philadelphia*	Bonaparte's Gull
B-BOOW	*Aegolius funereus*	Boreal Owl
B-BOWA	*Bombycilla garrulus*	Bohemian Waxwing
B-BPWA	*Dendroica striata*	Blackpoll Warbler
B-BRAM	*Fringilla montifringilla*	Brambling
B-BRAN	*Branta bernicla*	Brant
B-BRBL	*Euphagus cyanocephalus*	Brewer's Blackbird
B-BRCO	*Phalacrocorax penicillatus*	Brandt's Cormorant
B-BRCR	*Certhia americana*	Brown Creeper
B-BRPE	*Pelecanus occidentalis*	Brown Pelican
B-BRSP	*Spizella breweri*	Brewer's Sparrow
B-BRTH	*Toxostoma rufum*	Brown Thrasher
B-BTBW	*Dendroica caerulescens*	Black-throated Blue Warbler
B-BTCU	*Numenius tahitiensis*	Bristle-thighed Curlew
B-BTGO	*Limosa lapponica*	Bar-tailed Godwit
B-BTGW	*Dendroica nigrescens*	Black-throated Gray Warbler
B-BTNW	*Dendroica virens*	Black-throated Green Warbler
B-BTPI	*Columba fasciata*	Band-tailed Pigeon
B-BTSP	*Amphispiza bilineata*	Black-throated Sparrow
B-BUFF	*Bucephala albeola*	Bufflehead
B-BUOW	*Athene cunicularia*	Burrowing Owl
B-BUSH	*Psaltriparus minimus*	Bushtit

B-BVSH	*Puffinus opisthomelas*	Black-vented Shearwater
B-BWHA	*Buteo platypterus*	Broad-winged Hawk
B-BWTE	*Anas discors*	Blue-winged Teal
B-CAAU	*Ptychoramphus aleuticus*	Cassin's Auklet
B-CAEG	*Bubulcus ibis*	Cattle Egret
B-CAFI	*Carpodacus cassinii*	Cassin's Finch
B-CAGO	*Branta canadensis*	Canada Goose
B-CAGU	*Larus californicus*	California Gull
B-CAHU	*Stellula calliope*	Calliope Hummingbird
B-CANV	*Aythya valisineria*	Canvasback
B-CAQU	*Callipepla californica*	California Quail
B-CATE	*Sterna caspia*	Caspian Tern
B-CAWA	*Wilsonia canadensis*	Canada Warbler
B-CAWR	*Catherpes mexicanus*	Canyon Wren
B-CBCH	*Parus rufescens*	Chestnut-backed Chickadee
B-CBHG	*Larus ridibundus*	Common Black-headed Gull
B-CCLO	*Calcarius ornatus*	Chestnut-collared Longspur
B-CCSP	*Spizella pallida*	Clay-colored Sparrow
B-CEWA	*Bombycilla cedrorum*	Cedar Waxwing
B-CHSP	*Spizella passerina*	Chipping Sparrow
B-CHUK	*Alectoris chukar*	Chukar
B-CITE	*Anas cyanoptera*	Cinnamon Teal
B-CLGR	*Aechmophorus clarkii*	Clark's Grebe
B-CLNU	*Nucifraga columbiana*	Clark's Nutcracker
B-CLSW	*Hirundo pyrrhonota*	Cliff Swallow
B-CMWA	*Dendroica tigrina*	Cape May Warbler
B-COEI	*Somateria mollissima*	Common Eider
B-COGO	*Bucephala clangula*	Common Goldeneye
B-COGR	*Quiscalus quiscula*	Common Grackle
B-COHA	*Accipiter cooperii*	Cooper's Hawk
B-COHU	*Calypte costae*	Costa's Humminbird
B-COLO	*Gavia immer*	Common Loon
B-COME	*Mergus merganser*	Common Merganser
B-COMO	*Gallinula chloropus*	Common Moorhen
B-COMU	*Uria aalge*	Common Murre
B-CONI	*Chordeiles minor*	Common Nighthawk
B-COPO	*Phalaenoptilus nuttallii*	Common Poorwill
B-CORA	*Corvus corax*	Common Raven
B-CORE	*Carduelis flammea*	Common Redpoll
B-COSN	*Gallinago gallinago*	Common Snipe
B-COTE	*Sterna hirundo*	Common Tern
B-COWA	*Oporornis agilis*	Connecticut Warbler
B-COYE	*Geothlypis trichas*	Common Yellowthroat
B-CRAU	*Aethia cristatella*	Crested Auklet
B-CRMY	*Acridotheres cristatellus*	Crested Myna
B-CSWA	*Dendroica pensylvanica*	Chestnut-sided Warbler
B-CUSA	*Calidris ferruginea*	Curlew Sandpiper
B-DCCO	*Phalacrocorax auritus*	Doubled-crested Cormorant
B-DEJU	*Junco hyemalis*	Dark-eyed Junco
B-DICK	*Spiza americana*	Dickcissel
B-DOWO	*Picoides pubescens*	Downy Woodpecker
B-DUFL	*Empidonax oberholseri*	Dusky Flycatcher
B-DUNL	*Calidris alpina*	Dunlin
B-EAGR	*Podiceps nigricollis*	Eared Grebe
B-EAKI	*Tyrannus tyrannus*	Eastern Kingbird
B-EAPH	*Sayornis phoebe*	Eastern Phoebe
B-ELTE	*Sterna elegans*	Elegant Tern
B-EMGO	*Chen canagica*	Emperor Goose

B-EUKE	*Falco tinnunculus*	Eurasian Kestrel
B-EUSK	*Alauda arvensis*	Eurasian Skylark
B-EUST	*Sturnus vulgaris*	European Starling
B-EUWI	*Anas penelope*	Eurasian Wigeon
B-EVGR	*Coccothraustes vespertinus*	Evening Grosbeak
B-FECU	*Numenius madagascariensis*	Far Eastern Curlew
B-FEHA	*Buteo regalis*	Ferruginous Hawk
B-FFSH	*Puffinus carneipes*	Flesh-footed Shearwater
B-FLOW	*Otus flammeolus*	Flammulated Owl
B-FOSP	*Passerella iliaca*	Fox Sparrow
B-FOTE	*Sterna forsteri*	Forster's Tern
B-FRGU	*Larus pipixcan*	Franklin's Gull
B-FTSP	*Oceanodroma furcata*	Fork-tailed Storm-Petrel
B-FWDU	*Dendrocygna bicolor*	Fulvous Whistling-Duck
B-GADW	*Anas strepera*	Gadwall
B-GARG	*Anas querquedula*	Garganey
B-GBBG	*Larus marinus*	Great Black-backed Gull
B-GBHE	*Ardea herodias*	Great Blue Heron
B-GCKI	*Regulus satrapa*	Golden-crowned Kinglet
B-GCSP	*Zonotrichia atricapilla*	Golden-crowned Sparrow
B-GCTH	*Catharus minimus*	Gray-cheeked Thrush
B-GGOW	*Strix nebulosa*	Great Gray Owl
B-GHOW	*Bubo virginianus*	Great Horned Owl
B-GLGU	*Larus hyperboreus*	Glaucous Gull
B-GOEA	*Aquila chrysaetos*	Golden Eagle
B-GRCA	*Dumetella carolinensis*	Gray Catbird
B-GREG	*Casmerodius albus*	Creat Egret
B-GRFL	*Empidonax wrightii*	Gray Flycatcher
B-GRHE	*Butorides striatus*	Green-backed Heron
B-GRJA	*Perisoreus canadensis*	Gray Jay
B-GRKI	*Tyrannus dominicensis*	Gray Kingbird
B-GRPA	*Perdix perdix*	Gray Partridge
B-GRSC	*Aythya marila*	Greater Scaup
B-GRSP	*Ammodramus savannarum*	Grasshopper Sparrow
B-GRYE	*Tringa melanoleuca*	Greater Yellowlegs
B-GTGR	*Quiscalus mexicanus*	Great-tailed Grackle
B-GTTO	*Pipilo chlorurus*	Green-tailed Towhee
B-GWFG	*Anser albifrons*	Greater White-fronted Goose
B-GWGU	*Larus glaucescens*	Glaucous-winged Gull
B-GWTE	*Anas crecca*	Green-winged Teal
B-GYRF	*Falco rusticolus*	Gyrfalcon
B-HADU	*Histrionicus histrionicus*	Harlequin Duck
B-HAFL	*Empidonax hammondii*	Hammond's Flycatcher
B-HASP	*Zonotrichia querula*	Harris' Sparrow
B-HAWO	*Picoides villosus*	Hairy Woodpecker
B-HEEG	*Larus heermanni*	Heermann's Gull
B-HEGU	*Larus argentatus*	Herring Gull
B-HETH	*Catharus guttatus*	Hermit Thrush
B-HOFI	*Carpodacus mexicanus*	House Finch
B-HOGR	*Podiceps auritus*	Horned Grebe
B-HOLA	*Eremophila alpestris*	Horned Lark
B-HOME	*Lophodytes cucullatus*	Hooded Merganser
B-HOPU	*Fratercula corniculata*	Horned Puffin
B-HORE	*Carduelis hornemanni*	Hoary Redpoll
B-HOSP	*Passer domesticus*	House Sparrow
B-HOWR	*Troglodytes aedon*	House Wren
B-HUGO	*Limosa haemastica*	Hudsonian Godwit
B-HUVI	*Vireo huttoni*	Hutton's Vireo

B-ICGU	*Larus glaucoides*	Iceland Gull
B-INBU	*Passerina cyanea*	Indigo Bunting
B-IVGU	*Pagophila eburnea*	Ivory Gull
B-KIEI	*Somateria spectabilis*	King Eider
B-KILL	*Charadrius vociferus*	Killdeer
B-KIMU	*Brachyramphus brevirostris*	Kittlitz's Murrelet
B-LAAL	*Diomedea immutabilis*	Laysan Albatross
B-LABU	*Calamospiza melanocorys*	Lark Bunting
B-LALO	*Calcarius lapponicus*	Lapland Longspur
B-LASP	*Chondestes grammacus*	Lark Sparrow
B-LBCU	*Numenius americanus*	Long-billed Curlew
B-LBDO	*Limnodromus scolopaceus*	Long-billed Dowitcher
B-LBHE	*Egretta caerulea*	Little Blue Heron
B-LCSP	*Ammodramus leconteii*	Le Conte's Sparrow
B-LEBI	*Ixobrychus exilis*	Least Bittern
B-LEFL	*Empidonax minimus*	Least Flycatcher
B-LEGO	*Carduelis psaltria*	Lesser Goldfinch
B-LEOW	*Asio otus*	Long-eared Owl
B-LESA	*Calidris minutilla*	Least Sandpiper
B-LESC	*Aythya affinis*	Lesser Scaup
B-LEWO	*Melanerpes lewis*	Lewis' Woodpecker
B-LEYE	*Tringa flavipes*	Lesser Yellowlegs
B-LGPL	*Pluvialis dominica*	Lesser Golden-Plover
B-LIGU	*Larus minutus*	Little Gull
B-LISP	*Melospiza lincolnii*	Lincoln's Sparrow
B-LIST	*Calidris minuta*	Little Stint
B-LOSH	*Lanius ludovicianus*	Loggerhead Shrike
B-LSPE	*Oceanodroma leucorhoa*	Leach's Storm-Petrel
B-LTJA	*Stercorarius longicaudus*	Long-tailed Jaeger
B-LZBU	*Passerina amoena*	Lazuli Bunting
B-MAFR	*Fregata magnificens*	Magnificent Frigatebird
B-MAGO	*Limosa fedoa*	Marbled Godwit
B-MALL	*Anas platyrhynchos*	Mallard
B-MAMU	*Brachyramphus marmoratus*	Marbled Murrelet
B-MAWA	*Dendroica magnolia*	Magnolia Warbler
B-MAWR	*Cistothorus palustris*	Marsh Wren
B-MCBU	*Plectrophenax hyperboreus*	McKay's Bunting
B-MCLO	*Calcarius mccownii*	McCown's Longspur
B-MEGU	*Larus canus*	Mew Gull
B-MERL	*Falco columbarius*	Merlin
B-MGWA	*Oporornis tolmiei*	MacGillivray's Warbler
B-MOBL	*Sialia currucoides*	Mountain Bluebird
B-MOCH	*Parus gambeli*	Mountain Chickadee
B-MODO	*Zenaida macroura*	Mourning Dove
B-MOPE	*Pterodroma inexpectata*	Mottled Petrel
B-MOQU	*Oreortyx pictus*	Mountain Quail
B-MOWA	*Oporornis philadelphia*	Mourning Warbler
B-MUSW	*Cygnus olor*	Mute Swan
B-NAWA	*Vermivora ruficapilla*	Nashville Warbler
B-NHOW	*Surnia ulula*	Northern Hawk Owl
B-NOBO	*Colinus virginianus*	Northern Bobwhite
B-NOCR	*Corvus caurinus*	Northwestern Crow
B-NOFL	*Colaptes auratus*	Northern Flicker
B-NOFU	*Fulmarus glacialis*	Northern Fulmar
B-NOGO	*Accipiter gentilis*	Northern Goshawk
B-NOHA	*Circus cyaneus*	Northern Harrier
B-NOMO	*Mimus polyglottos*	Northern Mockingbird
B-NOOR	*Icterus galbula*	Northern Oriole

B-NOPI	*Anas acuta*	Northern Pintail
B-NOSH	*Lanius excubitor*	Northern Shrike
B-NOSL	*Anas clypeata*	Northern Shoveler
B-NOWA	*Seiurus noveboracensis*	Northern Waterthrush
B-NOWH	*Oenanthe oenanthe*	Northern Wheatear
B-NPOW	*Glaucidium gnoma*	Northern Pygmy-Owl
B-NRWS	*Stelgidopteryx serripennis*	Northern Rough-winged Swallow
B-NSWO	*Aegolius acadicus*	Northern Saw-whet Owl
B-OCWA	*Vermivora celata*	Orange-crowned Warbler
B-OLDS	*Clangula hyemalis*	Oldsquaw
B-OSFL	*Contopus borealis*	Olive-sided Flycatcher
B-OSPR	*Pandion haliaetus*	Osprey
B-OVEN	*Seiurus aurocapillus*	Ovenbird
B-PAAU	*Cyclorrhynchus psittacula*	Parakeet Auklet
B-PAJA	*Stercorarius parasiticus*	Parasitic Jaeger
B-PALO	*Gavia pacifica*	Pacific Loon
B-PAPI	*Ectopistes migratorius*	Passenger Pigeon
B-PARE	*Myioborus pictus*	Painted Redstart
B-PAWA	*Dendroica palmarum*	Palm Warbler
B-PBGR	*Podilymbus podiceps*	Pied-billed Grebe
B-PECO	*Phalacrocorax pelagicus*	Pelagic Cormorant
B-PEFA	*Falco peregrinus*	Peregrine Falcon
B-PESA	*Calidris melanotos*	Pectoral Sandpiper
B-PFSH	*Puffinus creatopus*	Pink-footed Shearwater
B-PHVI	*Vireo philadelphicus*	Philadelphia Vireo
B-PIGR	*Pinicola enucleator*	Pine Grosbeak
B-PIGU	*Cepphus columba*	Pigeon Guillemot
B-PISI	*Carduelis pinus*	Pine Siskin
B-PIWO	*Dryocopus pileatus*	Pileated Woodpecker
B-POJA	*Stercorarius pomarinus*	Pomarine Jaeger
B-PRFA	*Falco mexicanus*	Prairie Falcon
B-PSFL	*Empidonax difficilis*	Pacific-slope Flycatcher
B-PUFI	*Carpodacus purpureus*	Purple Finch
B-PUMA	*Progne subis*	Purple Martin
B-PYNU	*Sitta pygmaea*	Pygmy Nuthatch
B-RBGR	*Pheucticus ludovicianus*	Rose-breasted Grosbeak
B-RBGU	*Larus delawarensis*	Ring-billed Gull
B-RBME	*Mergus serrator*	Red-breasted Merganser
B-RBNU	*Sitta canadensis*	Red-breasted Nuthatch
B-RBSA	*Sphyrapicus ruber*	Red-breasted Sapsucker
B-RCKI	*Regulus calendula*	Ruby-crowned Kinglet
B-RECR	*Loxia curvirostra*	Red Crossbill
B-REDH	*Aythya americana*	Redhead
B-REKN	*Calidris canutus*	Red Knot
B-REPH	*Phalaropus fulicaria*	Red Phalarope
B-REVI	*Vireo olivaceus*	Red-eyed Vireo
B-RFCO	*Phalacrocorax urile*	Red-faced Cormorant
B-RHAU	*Cerorhinca monocerata*	Rhinoceros Auklet
B-RHWO	*Melanerpes erythrocephalus*	Red-headed Woodpecker
B-RLHA	*Buteo lagopus*	Rough-legged Hawk
B-RNDU	*Aythya collaris*	Ring-necked Duck
B-RNGR	*Podiceps grisegena*	Red-necked Grebe
B-RNPH	*Phasianus colchicus*	Ring-necked Pheasant
B-RNPL	*Phalaropus lobatus*	Red-necked Phalarope
B-RNSA	*Sphyrapicus nuchalis*	Red-naped Sapsucker
B-RNST	*Calidris ruficollis*	Rufous-necked Stint
B-RODO	*Columba livia*	Rock Dove
B-ROFI	*Leucosticte arctoa*	Rosy Finch

B-ROGO	*Chen rossii*	Ross' Goose
B-ROGU	*Rhodostethia rosea*	Ross' Gull
B-ROPT	*Lagopus mutus*	Rock Ptarmigan
B-ROSA	*Calidris ptilocnemis*	Rock Sandpiper
B-ROWR	*Salpinctes obsoletus*	Rock Wren
B-RSTO	*Pipilo erythrophthalmus*	Rufous-sided Towhee
B-RTHA	*Buteo jamaicensis*	Red-tailed Hawk
B-RTHU	*Archilochus colubris*	Ruby-throated Hummingbird
B-RTLO	*Gavia stellata*	Red-throated Loon
B-RTPI	*Anthus cervinus*	Red-throated Pipit
B-RUBL	*Euphagus carolinus*	Rusty Blackbird
B-RUBU	*Emberiza rustica*	Rustic Bunting
B-RUDU	*Oxyura jamaicensis*	Ruddy Duck
B-RUFF	*Philomachus pugnax*	Ruff
B-RUGR	*Bonasa umbellus*	Ruffed Grouse
B-RUHU	*Selasphorus rufus*	Rufous Hummingbird
B-RUTU	*Arenaria interpres*	Ruddy Turnstone
B-RWBL	*Agelaius phoeniceus*	Red-winged Blackbird
B-SACR	*Grus canadensis*	Sandhill Crane
B-SAGR	*Centrocercus urophasianus*	Sage Grouse
B-SAGU	*Xema sabini*	Sabine's Gull
B-SAND	*Calidris alba*	Sanderling
B-SAPH	*Sayornis saya*	Say's Phoebe
B-SASP	*Amphispiza belli*	Sage Sparrow
B-SATH	*Oreoscoptes montanus*	Sage Thrasher
B-SAVS	*Passerculus sandwichensis*	Savannah Sparrow
B-SBDO	*Limnodromus griseus*	Short-billed Dowitcher
B-SBGU	*Larus schistisagus*	Slaty-backed Gull
B-SBSA	*Eurynorhynchus pygmeus*	Spoonbill Sandpiper
B-SCJA	*Aphelocoma coerulescens*	Scrub Jay
B-SCTA	*Piranga olivacea*	Scarlet Tanager
B-SEOW	*Asio flammeus*	Short-eared Owl
B-SEPL	*Charadrius semipalmatus*	Semipalmated Plover
B-SESA	*Calidris pusilla*	Semipalmated Sandpiper
B-SHSA	*Calidris acuminata*	Sharp-tailed Sandpiper
B-SMEW	*Mergellus albellus*	Smew
B-SMLO	*Calcarius pictus*	Smith's Longspur
B-SNBU	*Plectrophenax nivalis*	Snow Bunting
B-SNEG	*Egretta thula*	Snowy Egret
B-SNGO	*Chen caerulescens*	Snow Goose
B-SNOW	*Nyctea scandiaca*	Snowy Owl
B-SNPL	*Charadrius alexandrinus*	Snowy Plover
B-SORA	*Porzana carolina*	Sora
B-SOSA	*Tringa solitaria*	Solitary Sandpiper
B-SOSH	*Puffinus griseus*	Sooty Shearwater
B-SOSP	*Melospiza melodia*	Song Sparrow
B-SOVI	*Vireo solitarius*	Solitary Vireo
B-SPGR	*Dendragapus canadensis*	Spruce Grouse
B-SPOW	*Strix occidentalis*	Spotted Owl
B-SPRE	*Tringa erythropus*	Spotted Redshank
B-SPSA	*Actitus macularia*	Spotted Sandpiper
B-SPSK	*Catharacta maccormicki*	South Polar Skua
B-SSHA	*Accipiter striatus*	Sharp-shinned Hawk
B-STAL	*Diomedea albatrus*	Short-tailed Albatross
B-STEI	*Polysticta stelleri*	Steller's Eider
B-STFL	*Tyrannus forficatus*	Scissor-tailed Flycatcher
B-STGR	*Tympanuchus phasianellus*	Sharp-tailed Grouse
B-STJA	*Cyanocitta stelleri*	Steller's Jay

B-STSA	*Calidris himantopus*	Stilt Sandpiper
B-STSH	*Puffinus tenuirostris*	Short-tailed Shearwater
B-STSP	*Ammodramus caudacutus*	Sharp-tailed Sparrow
B-SURF	*Aphriza virgata*	Surfbird
B-SUSC	*Melanitta perspicillata*	Surf Scoter
B-SWHA	*Buteo swainsoni*	Swainson's Hawk
B-SWSP	*Melospiza georgiana*	Swamp Sparrow
B-SWTH	*Catharus ustulatus*	Swainson's Thrush
B-TBKI	*Tyrannus crassirostris*	Thick-billed Kingbird
B-TBMU	*Uria lomvia*	Thick-billed Murre
B-TESA	*Xenus cinereus*	Terek Sandpiper
B-TEST	*Calidris temminckii*	Temminck's Stint
B-TEWA	*Vermivora peregrina*	Tennessee Warbler
B-THGU	*Larus thayeri*	Thayer's Gull
B-TOSO	*Myadestes townsendi*	Townsend's Solitaire
B-TOWA	*Dendroica townsendi*	Townsend's Warbler
B-TRKI	*Tyrannus melancholichus*	Tropical Kingbird
B-TRSW	*Tachycineta bicolor*	Tree Swallow
B-TRUS	*Cygnus buccinator*	Trumpeter Swan
B-TTWO	*Picoides tridactylus*	Three-toed Woodpecker
B-TUDU	*Aythya fuligula*	Tufted Duck
B-TUPU	*Fratercula cirrhata*	Tufted Puffin
B-TUSW	*Cygnus columbianus*	Tundra Swan
B-TUVU	*Cathartes aura*	Turkey Vulture
B-UPSA	*Bartramia longicauda*	Upland Sandpiper
B-VASW	*Chaetura vauxi*	Vaux's Swift
B-VATH	*Ixoreus naevius*	Varied Thrush
B-VEER	*Catharus fuscescens*	Veery
B-VESP	*Pooecetes gramineus*	Vesper Sparrow
B-VGSW	*Tachycineta thalassina*	Violet-green Swallow
B-VIRA	*Rallus limicola*	Virginia Rail
B-WAPI	*Anthus spinoletta*	Water Pipit
B-WATA	*Heteroscelus incanus*	Wandering Tattler
B-WAVI	*Vireo gilvus*	Warbling Vireo
B-WBNU	*Sitta carolinensis*	White-breasted Nuthatch
B-WCSP	*Zonotrichia leucophrys*	White-crowned Sparrow
B-WEBL	*Sialia mexicana*	Western Bluebird
B-WEGR	*Aechmophorus occidentalis*	Western Grebe
B-WEGU	*Larus occidentalis*	Western Gull
B-WEKI	*Tyrannus verticalis*	Western Kingbird
B-WEME	*Sturnella neglecta*	Western Meadowlark
B-WESA	*Calidris mauri*	Western Sandpiper
B-WETA	*Piranga ludoviciana*	Western Tanager
B-WFIB	*Plegadis chihi*	White-faced Ibis
B-WHCR	*Grus americana*	Whooping Crane
B-WHIM	*Numenius phaeopus*	Whimbrel
B-WHWO	*Picoides albolarvatus*	White-headed Woodpecker
B-WIFL	*Empidonax traillii*	Willow Flycatcher
B-WILL	*Catoptrophorus semipalmatus*	Willet
B-WIPH	*Phalaropus tricolor*	Wilson's Phalarope
B-WIPT	*Lagopus lagopus*	Willow Ptarmigan
B-WISA	*Sphyrapicus thyroideus*	Williamson's Sapsucker
B-WITU	*Meleagris gallopavo*	Wild Turkey
B-WIWA	*Wilsonia pusilla*	Wilson's Warbler
B-WIWR	*Troglodytes troglodytes*	Winter Wren
B-WODU	*Aix sponsa*	Wood Duck
B-WOST	*Mycteria americana*	Wood Stork
B-WRSA	*Calidris fuscicollis*	White-rumped Sandpiper

B-WSOW	*Otus kennicottii*	Western Screech-Owl
B-WTPT	*Lagopus leucurus*	White-tailed Ptarmigan
B-WTSP	*Zonotrichia albicollis*	White-throated Sparrow
B-WTSW	*Aeronautes saxatalis*	White-throated Swift
B-WWCR	*Loxia leucoptera*	White-winged Crossbill
B-WWDO	*Zenaida asiatica*	White-winged Dove
B-WWPE	*Contopus sordidulus*	Western Wood-Pewee
B-WWSC	*Melanitta fusca*	White-winged Scoter
B-XAMU	*Synthliboramphus hypoleucus*	Xantus' Murrelet
B-YBCH	*Icteria virens*	Yellow-breasted Chat
B-YBCU	*Coccyzus americanus*	Yellow-billed Cuckoo
B-YBFL	*Empidonax flaviventris*	Yellow-bellied Flycatcher
B-YBLO	*Gavia adamsii*	Yellow-billed Loon
B-YBSA	*Sphyrapicus varius*	Yellow-bellied Sapsucker
B-YEWA	*Dendroica petechia*	Yellow Warbler
B-YEWG	*Montacilla flava*	Yellow Wagtail
B-YHBL	*Xanthocephalus xanthocephalus*	Yellow-headed Blackbird
B-YRWA	*Dendroica coronata*	Yellow-rumped Warbler
F-ACAL	*Acrocheilus alutaceus*	Chiselmouth
F-ACME	*Acipenser medirostris*	Green Sturgeon
F-ACOP	*Acantholiparis opercularis*	Spiny Snailfish
F-ACTR	*Acipenser transmontanus*	White Sturgeon
F-AGAC	*Agonus acipenserinus*	Sturgeon Poacher
F-AGMO	*Agonomalus mozinoi*	Kelp Poacher
F-AGVU	*Agonopsis vulsa*	Northern Spearnose Poacher
F-ALEL	*Allosmerus elongatus*	Whitebait Smelt
F-ALFE	*Alepisaurus ferox*	Longnose Lancetfish
F-ALHY	*Allolumpenus hypochromus*	Y-prickleback
F-ALSA	*Alosa sapidissima*	American Shad
F-ALVE	*Allocyttus verrucosus*	Oreo
F-ALVU	*Alopias vulpinus*	Thresher Shark
F-AMHE	*Ammodytes hexapterus*	Pacific Sand Lance
F-AMRH	*Amphistichus rhodoterus*	Redtail Surfperch
F-ANFI	*Anoplopoma fimbria*	Sablefish
F-ANIN	*Anoplagonus inermis*	Smooth Alligatorfish
F-ANIS	*Anoplarchus insignis*	Slender Cockscomb
F-ANMI	*Antimora microlepis*	Pacific Flatnose
F-ANOC	*Anarhichthys ocellatus*	Wolf-eel
F-ANPH	*Anotopterus pharao*	Daggertooth
F-ANPU	*Anoplarchus purpurescens*	High Cockscomb
F-APBR	*Apristurus brunneus*	Brown Cat Shark
F-APCA	*Aphanopus carbo*	Black Scabbardfish
F-APFL	*Apodichthys flavidus*	Penpoint Gunnel
F-APVE	*Aptocyclus ventricosus*	Smooth Lumpsucker
F-ARFE	*Artedius fenestralis*	Padded Sculpin
F-ARHA	*Artedius harringtoni*	Scalyhead Sculpin
F-ARLA	*Artedius lateralis*	Smoothhead Sculpin
F-ARLY	*Argyropelecus lychnus*	Silvery Hatchetfish
F-ARME	*Artedius meanyi*	Puget Sound Sculpin
F-ARSC	*Aristostomias scintillans*	Shining Loosejaw
F-ASRH	*Ascelichthys rhodorus*	Rosylip Sculpin
F-ATAF	*Atherinops affinis*	Topsmelt
F-ATNO	*Atractoscion nobilis*	White Seabass
F-ATST	*Atheresthes stomias*	Arrowtooth Flounder
F-AUFL	*Aulorhynchus flavidus*	Tubesnout
F-AVIN	*Avocettina infans*	Close-spine Snipe Eel
F-BAAB	*Bathyraja abyssicola*	Deepsea Skate
F-BAAL	*Bathyagonus alascanus*	Gray Starsnout

F-BACA	*Bathymaster caeruleofasciatus*	Bluefin Searcher
F-BAEX	*Bathylychnops exilis*	Javelin Spookfish
F-BAFL	*Bathophilus flemingi*	Highfin Dragonfish
F-BAIN	*Bathyagonus infraspinatus*	Spinycheek Starsnout
F-BAIT	*Bathyraja interrupta*	Sandpaper Skate
F-BAMI	*Bathylagus milleri*	Stout Blacksmelt
F-BANI	*Bathyagonus nigripinnis*	Blackfin Poacher
F-BAOC	*Bathylagus ochotensis*	Popeye Blacksmelt
F-BAPA	*Bathylagus pacificus*	Slender Blacksmelt
F-BAPE	*Bathyagonus pentacanthus*	Bigeye Poacher
F-BASC	*Bathylagus schmidti*	Northern Smoothtongue
F-BASI	*Bathymaster signatus*	Blue-eyed Searcher
F-BAST	*Bathylagus stilbius*	American Smoothtongue
F-BATR	*Bathyraja trachura*	Roughtail Skate
F-BEDE	*Benthalbella dentata*	Northern Pearleye
F-BEEL	*Benthodesmus elongatus*	Bigeye Frostfish
F-BETE	*Benthodesmus tenuis*	Javelinfish
F-BLBI	*Blepsias bilobus*	Crested Sculpin
F-BLCI	*Blepsias cirrhosus*	Silverspot Sculpin
F-BOBR	*Bothrocara brunneum*	Twoline Eelpout
F-BOMO	*Bothrocara molle*	Soft Eelpout
F-BOPU	*Bothrocara pusillum*	Alaska Eelpout
F-BOSW	*Bothragonus swani*	Rockhead
F-BRFR	*Brachyistius frenatus*	Kelp Perch
F-BRJA	*Brama japonica*	Pacific Pomfret
F-BRMA	*Brosmophycis marginata*	Red Brotula
F-BRMR	*Bryozoichthys marjorius*	Pearly Prickleback
F-CAAU	*Carassius auratus*	Goldfish
F-CACA	*Carcharodon carcharius*	Great White Shark
F-CACM	*Catostomus commersoni*	White Sucker
F-CACO	*Catostomus columbianus*	Bridgelip Sucker
F-CACT	*Catostomus catostomus*	Longnose Sucker
F-CAGI	*Careproctus gilberti*	Smalldisk Snailfish
F-CAMA	*Catostomus macrocheilus*	Largescale Sucker
F-CAMC	*Caristius macropus*	Manefish
F-CAME	*Careproctus melanurus*	Blacktail Snailfish
F-CAOR	*Careproctus oregonensis*	Smallfin Snailfish
F-CAOV	*Careproctus ovigerum*	Abyssal Snailfish
F-CAPL	*Catostomus platyrhynchus*	Mountain Sucker
F-CAPR	*Caulolatilus princeps*	Ocean Whitefish
F-CEMA	*Cetorhinus maxima*	Basking Shark
F-CETO	*Ceratoscopelus townsendi*	Dogtooth Lanternfish
F-CHDE	*Chirolophis decoratus*	Decorated Warbonnet
F-CHEO	*Chrosomus eos*	Northern Redbelly Dace
F-CHMA	*Chauliodus macouni*	Pacific Viperfish
F-CHME	*Chaenophryne melanorhabdus*	Smooth Dreamer
F-CHNE	*Chrosomus neogaeus*	Finescale Dace
F-CHNU	*Chirolophis nugator*	Mosshead Warbonnet
F-CHPU	*Chitonotus pugetensis*	Roughback Sculpin
F-CHTA	*Chirolophis tarsodes*	Matcheek Warbonnet
F-CISO	*Citharichthys sordidus*	Pacific Sanddab
F-CIST	*Citharichthys stigmaeus*	Speckled Sanddab
F-CLAC	*Clinocottus acuticeps*	Sharpnose Sculpin
F-CLAS	*Clidoderma asperrimum*	Roughscale Sole
F-CLEM	*Clinocottus embryum*	Calico Sculpin
F-CLGL	*Clinocottus globiceps*	Mosshead Sculpin
F-CLHA	*Clupea harengus*	Pacific Herring
F-CLIO	*Clevelandia ios*	Arrow Goby

F-COAC	*Coryphaenoides acrolepis*	Roughscale Grenadier
F-COAL	*Cottus aleuticus*	Coastrange Sculpin
F-COAM	*Coryphaenoides armatus*	Abyssal Grenadier
F-COAR	*Coregonus artedii*	Cisco
F-COAS	*Cottus asper*	Prickly Sculpin
F-COBA	*Cottus bairdi*	Mottled Sculpin
F-COCI	*Coryphaenoides cinereus*	Popeye
F-COCL	*Coregonus clupeaformis*	Lake Whitefish
F-COCN	*Cottus confusus*	Shorthead Sculpin
F-COCO	*Cottus cognatus*	Slimy Sculpin
F-COFI	*Coryphaenoides filifer*	Filamented Grenadier
F-COLE	*Coryphaenoides leptolepis*	Ghostly Grenadier
F-CONA	*Coregonus nasus*	Broad Whitefish
F-CONI	*Coryphopterus nicholsi*	Blackeye Goby
F-COPE	*Coryphaenoides pectoralis*	Pectoral Rattail
F-COPL	*Couesius plumbeus*	Lake Chub
F-CORH	*Cottus rhotheus*	Torrent Sculpin
F-CORI	*Cottus ricei*	Spoonhead Sculpin
F-COSA	*Cololabis saira*	Pacific Saury
F-COSR	*Coregonus sardinella*	Least Cisco
F-CUIN	*Culaea inconstans*	Brook Stickleback
F-CYAG	*Cymatogaster aggregata*	Shiner Perch
F-CYCA	*Cyprinus carpio*	Carp
F-CYPA	*Cyclothone pacifica*	Yellow Bristlemouth
F-CYPL	*Cyclothone pallida*	Tan Bristlemouth
F-CYPS	*Cyclothone pseudopallida*	Phantom Bristlemouth
F-CYSI	*Cyclothone signata*	Showy Bristlemouth
F-DAOC	*Danaphos oculatus*	Bottlelight
F-DASE	*Dasycottus setiger*	Spinyhead Sculpin
F-DAVI	*Dasyatis violacea*	Pelagic Stingray
F-DEAL	*Derepodichthys alepidotus*	Cuskpout
F-DEGI	*Delolepis gigantea*	Giant Wrymouth
F-DITH	*Diaphus theta*	California Headlightfish
F-EMBA	*Embassichthys bathybius*	Deepsea Sole
F-EMLA	*Embiotoca lateralis*	Striped Seaperch
F-ENBI	*Enophrys bison*	Buffalo Sculpin
F-ENLU	*Enophrys lucasi*	Leister Sculpin
F-ENMO	*Engraulis mordax*	Northern Anchovy
F-EOJO	*Eopsetta jordani*	Petrale Sole
F-EPDE	*Eptatretus deani*	Black Hagfish
F-EPST	*Eptatretus stouti*	Pacific Hagfish
F-ERZO	*Erilepis zonifer*	Skilfish
F-ESLU	*Esox lucius*	Northern Pike
F-EUOR	*Eumicrotremus orbis*	Pacific Spiny Lumpsucker
F-EUPE	*Euthynnus pelamis*	Skipjack Tuna
F-GAAC	*Gasterosteus aculeatus*	Threespine Stickleback
F-GAMA	*Gadus macrocephalus*	Pacific Cod
F-GAZY	*Galeorhinus zyopterus*	Soupfin Shark
F-GELI	*Genyonemus lineatus*	White Croaker
F-GIME	*Gibbonsia metzi*	Striped Kelpfish
F-GIMO	*Gibbonsia montereyensis*	Crevice Kelpfish
F-GLZA	*Glyptocephalus zachirus*	Rex Sole
F-GOMA	*Gobiesox maeandricus*	Northern Clingfish
F-GYGA	*Gymnocanthus galeatus*	Armorhead Sculpin
F-HEBO	*Hemitripterus bolini*	Bigmouth Sculpin
F-HEDE	*Hexagrammos decagrammus*	Kelp Greenling
F-HEGR	*Hexanchus griseus*	Sixgill Shark
F-HEHE	*Hemilepidotus hemilepidotus*	Red Irish Lord

F-HELA	*Hexagrammos lagocephalus*	Rock Greenling
F-HEOC	*Hexagrammos octogrammus*	Masked Greenling
F-HESP	*Hemilepidotus spinosus*	Brown Irish Lord
F-HEST	*Hexagrammos stelleri*	Whitespotted Greenling
F-HIAL	*Hiodon alosoides*	Goldeye
F-HIEL	*Hippoglossoides elassodon*	Flathead Sole
F-HIST	*Hippoglossus stenolepis*	Pacific Halibut
F-HOLA	*Holtbyrnia latifrons*	Teardrop Tubeshoulder
F-HYAR	*Hyperprosopon argenteum*	Walleye Surfperch
F-HYCO	*Hydrolagus colliei*	Spotted Ratfish
F-HYEL	*Hyperprosopon ellipticum*	Silver Surfperch
F-HYHA	*Hybognathus hankinsoni*	Brassy Minnow
F-HYPR	*Hypomesus pretiosus*	Surf Smelt
F-HYQU	*Hypsagonus quadricornis*	Fourhorn Poacher
F-ICAE	*Icosteus aenigmaticus*	Ragfish
F-ICBO	*Icelinus borealis*	Northern Sculpin
F-ICBU	*Icelinus burchami*	Dusky Sculpin
F-ICEL	*Ichthyococcus elongatus*	Slim Lightfish
F-ICFI	*Icelinus filamentosus*	Threadfin Sculpin
F-ICFM	*Icelinus fimbriatus*	Fringed Sculpin
F-ICLO	*Icichthys lockingtoni*	Medusafish
F-ICME	*Ictalurus melas*	Black Bullhead
F-ICNE	*Ictalurus nebulosus*	Brown Bullhead
F-ICSP	*Icelus spiniger*	Thorny Sculpin
F-ICTE	*Icelinus tenuis*	Spotfin Sculpin
F-INIS	*Inopsetta isolepis*	Butter Sole
F-JOZO	*Jordania zonope*	Longfin Sculpin
F-LAAY	*Lampetra ayresi*	River Lamprey
F-LADI	*Lamna ditropis*	Salmon Shark
F-LAGU	*Lampris guttatus*	Opah
F-LAMA	*Lampetra macrostoma*	Lake Lamprey
F-LARC	*Lampetra richardsoni*	Brook Lamprey
F-LARE	*Lampanyctus regalis*	Pinpoint Lanternfish
F-LARI	*Lampanyctus ritteri*	Broadfin Lanternfish
F-LATR	*Lampetra tridentata*	Pacific Lamprey
F-LAUR	*Lampadena urophaos*	Taillight Lanternfish
F-LEAR	*Leptocottus armatus*	Staghorn Sculpin
F-LEBI	*Lepidopsetta bilineata*	Rock Sole
F-LEGI	*Lepomis gibbosus*	Pumpkinseed
F-LELE	*Lepidogobius lepidus*	Bay Goby
F-LERI	*Lestidiops ringens*	Slender Barracudina
F-LIAS	*Limanda aspera*	Yellowfin Sole
F-LICA	*Liparis callyodon*	Spotted Snailfish
F-LICY	*Liparis cyclopus*	Ribbon Snailfish
F-LIDE	*Liparis dennyi*	Marbled Snailfish
F-LIFL	*Liparis florae*	Tidepool Snailfish
F-LIFU	*Liparis fucensis*	Slipskin Snailfish
F-LIGI	*Liparis gibbus*	Dusky Snailfish
F-LIGR	*Liparis greeni*	Lobefin Snailfish
F-LIMU	*Liparis mucosus*	Slimy Snailfish
F-LINA	*Liparicus nanus*	Pygmy Snailfish
F-LIPU	*Liparis pulchellus*	Showy Snailfish
F-LIRU	*Liparis rutteri*	Ringtail Snailfish
F-LOLO	*Lota lota*	Burbot
F-LULO	*Lumpenella longirostris*	Longsnout Prickleback
F-LUMA	*Lumpenus maculatus*	Daubed Blenny
F-LUSA	*Lumpenus sagitta*	Pacific Snake Prickleback
F-LYAL	*Lyconectes aleutensis*	Dwarf Wrymouth

F-LYBR	*Lycodes brevipes*	Shortfin Eelpout
F-LYCO	*Lycodes cortezianus*	Bigfin Eelpout
F-LYCR	*Lycenchelys crotalina*	Snakehead Eelpout
F-LYDI	*Lycodes diapterus*	Black Eelpout
F-LYEN	*Lycodapus endemoscotus*	Deepwater Slipskin
F-LYEX	*Lyopsetta exilis*	Slender Sole
F-LYFI	*Lycodapus fierasfer*	Blackmouth Slipskin
F-LYJO	*Lycenchelys jordani*	Shortjaw Eelpout
F-LYMA	*Lycodapus mandibularis*	Pallid Slipskin
F-LYPA	*Lycodapus pachysoma*	Stout Slipskin
F-LYPC	*Lycodes pacificus*	Blackbelly Eelpout
F-LYPL	*Lycodes palearis*	Wattled Eelpout
F-LYPR	*Lycodapus parviceps*	Stubraker Slipskin
F-MAAR	*Maulisia argipalla*	Pitted Tubeshoulder
F-MAKI	*Malacocottus kincaidi*	Blackfin Blobsculpin
F-MAMI	*Macropinna microstoma*	Barreleye
F-MAVI	*Mallotus villosus*	Capelin
F-MAZO	*Malacocottus zonurus*	Spinycheek Blobsculpin
F-MECA	*Medialuna californiensis*	Halfmoon
F-MELU	*Melamphaes lugubris*	Highsnout Ridgehead
F-MEPA	*Melanostigma pammelas*	Pacific Softpout
F-MEPR	*Merluccius productus*	Pacific Hake
F-MEZU	*Melanonus zugmayeri*	Coalfish
F-MIDO	*Micropterus dolomieui*	Smallmouth Bass
F-MIPA	*Microstomus pacificus*	Dover Sole
F-MIPR	*Microgadus proximus*	Pacific Tomcod
F-MISA	*Micropterus salmoides*	Largemouth Bass
F-MOMO	*Mola mola*	Ocean Sunfish
F-MYCA	*Mylocheilus caurinus*	Peamouth Chub
F-MYPO	*Myoxocephalus polyacanthocephalus*	Great Sculpin
F-MYSC	*Myoxocephalus scorpius*	Shorthorn Sculpin
F-NACA	*Nansenia candida*	Bluethroat Argentine
F-NADU	*Naucrates ductor*	Pilotfish
F-NAOC	*Nautichthys oculofasciatus*	Sailfin Sculpin
F-NARO	*Nautichthys robustus*	Smallsail Sculpin
F-NEMA	*Neoscopelus macrolepidotus*	Glowingfish
F-NEPE	*Nectoliparis pelagicus*	Tadpole Snailfish
F-NESC	*Nemichthys scolopaceus*	Slender Snipe Eel
F-NEST	*Nezumia stelgidolepis*	Lamp Grenadier
F-NOAT	*Notropis atherinoides*	Emerald Shiner
F-NOHU	*Notropis hudsonius*	Spottail Shiner
F-NOJA	*Notoscopelus japonicus*	Spiny Lanternfish
F-NOMA	*Notorynchus maculatus*	Sevengill Shark
F-NORI	*Notolepis rissoi*	Ribbon Barracudina
F-OCVE	*Occella verrucosa*	Warty Poacher
F-ODTR	*Odontopyxis trispinosa*	Pygmy Poacher
F-OLMA	*Oligocottus maculosus*	Tidepool Sculpin
F-OLRI	*Oligocottus rimensis*	Saddleback Sculpin
F-OLSN	*Oligocottus snyderi*	Fluffy Sculpin
F-ONBU	*Oneirodes bulbosus*	Bulbous Dreamer
F-ONGO	*Oncorhynchus gorbuscha*	Pink Salmon
F-ONKE	*Oncorhynchus keta*	Chum Salmon
F-ONKI	*Oncorhynchus kisutch*	Coho Salmon
F-ONNE	*Oncorhynchus nerka*	Sockeye Salmon
F-ONTH	*Oneirodes thompsoni*	Spiny Dreamer
F-ONTS	*Oncorhynchus tshawytscha*	Chinook Salmon
F-OPEL	*Ophiodon elongatus*	Lingcod
F-OPMI	*Opostomias mitsuii*	Pitgum Dragonfish

F-OSCA	*Osteodiscus cascadiae*	Bigtailed Snailfish
F-OSMO	*Osmerus mordax*	Rainbow Smelt
F-OXPI	*Oxylebius pictus*	Painted Greenling
F-PAAT	*Paralepis atlantica*	Duckbill Barracudina
F-PABA	*Pallasina barbata*	Tubenose Poacher
F-PABU	*Pachycara bulbiceps*	Abyssal Eelpout
F-PACE	*Paraliparis cephalus*	Swellhead Snailfish
F-PADE	*Paraliparis deani*	Prickly Snailfish
F-PAGY	*Pachycara gymninium*	Nakedneck Eelpout
F-PAHO	*Paricelinus hopliticus*	Thornback Sculpin
F-PALA	*Paraliparis latifrons*	Bigpored Snailfish
F-PALE	*Pachycara lepinium*	Scalyneck Eelpout
F-PAPA	*Paraliparis paucidens*	Toothless Snailfish
F-PARO	*Paraliparis rosaceus*	Pink Snailfish
F-PAVE	*Parophrys vetulus*	English Sole
F-PEFL	*Perca flavescens*	Yellow Perch
F-PEOM	*Percopsis omiscomaycus*	Troutperch
F-PERI	*Pentaceros richardsoni*	Pelagic Armorhead
F-PESI	*Peprilus simillimus*	Pacific Pompano
F-PHCH	*Phytichthys chirus*	Ribbon Prickleback
F-PHCL	*Pholis clemensi*	Longfin Gunnel
F-PHFU	*Phanerodon furcatus*	White Seaperch
F-PHLA	*Pholis laeta*	Crescent Gunnel
F-PHOR	*Pholis ornata*	Saddleback Gunnel
F-PHSC	*Pholis schultzi*	Red Gunnel
F-PIPR	*Pimephales promelas*	Flathead Minnow
F-PLCO	*Pleuronichthys coenosus*	C-O Sole
F-PLDE	*Pleuronichthys decurrens*	Curlfin Sole
F-PLEV	*Plectobranchus evides*	Bluebarred Prickleback
F-PLGR	*Platygobio gracilis*	Flathead Chub
F-PLMO	*Pleurogrammus monopterygius*	Atka Mackerel
F-PLST	*Platichthys stellatus*	Starry Flounder
F-POCH	*Polyacanthonotus challengeri*	Longnose Tapirfish
F-POCR	*Poromitra crassiceps*	Crested Ridgehead
F-PONI	*Pomoxis nigromaculatus*	Black Crappie
F-PONO	*Porichthys notatus*	Plainfin Midshipman
F-PORO	*Poroclinus rothrocki*	Whitebarred Prickleback
F-PRCO	*Prosopium coulteri*	Pygmy Whitefish
F-PRCR	*Protomyctophum crockeri*	Southern Flashlightfish
F-PRCY	*Prosopium cylindraceum*	Round Whitefish
F-PRGL	*Prionace glauca*	Blue Shark
F-PRTH	*Protomyctophum thompsoni*	Northern Flashlightfish
F-PRWI	*Prosopium williamsoni*	Mountain Whitefish
F-PSME	*Psettichthys melanostictus*	Sand Sole
F-PSPA	*Psychrolutes paradoxus*	Tadpole Sculpin
F-PSPH	*Psychrolutes phrictus*	Giant Blobsculpin
F-PSSI	*Psychrolutes sigalutes*	Soft Sculpin
F-PTGO	*Ptilichthys goodei*	Quillfish
F-PTOR	*Ptychocheilus oregonensis*	Northern Squawfish
F-PUPU	*Pungitius pungitius*	Ninespine Stickleback
F-RAAS	*Radulinus asprellus*	Slim Sculpin
F-RABA	*Raja badia*	Broad Skate
F-RABI	*Raja binoculata*	Big Skate
F-RABO	*Radulinus boleoides*	Darter Sculpin
F-RARH	*Raja rhina*	Longnose Skate
F-RAST	*Raja stellulata*	Starry Skate
F-RATA	*Radulinus taylori*	Spinynose Sculpin
F-REAU	*Remora australis*	Whalesucker

F-REHI	*Reinhardtius hippolossoides*	Greenland Halibut
F-RHAT	*Rhinoliparis attenuatus*	Slim Snailfish
F-RHCA	*Rhinichthys cataractae*	Longnose Dace
F-RHFA	*Rhinichthys falcatus*	Leopard Dace
F-RHOS	*Rhinichthys osculus*	Speckled Dace
F-RHRI	*Rhamphocottus richardsoni*	Grunt Sculpin
F-RHUM	*Rhinichthys umatilla*	Umatilla Dace
F-RHVA	*Rhacochilus vacca*	Pile Perch
F-RIBA	*Richardsonius balteatus*	Redside Shiner
F-RIMU	*Rimicola muscarum*	Kelp Clingfish
F-ROJO	*Ronquilus jordani*	Northern Ronquil
F-ROSA	*Roccus saxatilis*	Striped Bass
F-SAAB	*Sagamichthys abei*	Shining Tubeshoulder
F-SACH	*Sarda chiliensis*	Pacific Bonito
F-SACL	*Salmo clarki*	Cutthroat Trout
F-SACO	*Salvelinus confluentus*	Bull Trout
F-SAFO	*Salvelinus fontinalis*	Brook Trout
F-SAFR	*Sarritor frenatus*	Sawback Poacher
F-SAGA	*Salmo gairdneri*	Rainbow Trout
F-SAMA	*Salvelinus malma*	Dolly Varden
F-SANA	*Salvelinus namaycush*	Lake Trout
F-SASA	*Salmo salar*	Atlantic Salmon
F-SASG	*Sardinops sagax*	Pacific Sardine
F-SATR	*Salmo trutta*	Brown Trout
F-SCCE	*Scytalina cerdale*	Graveldiver
F-SCHA	*Scopelosaurus harryi*	Scaly Waryfish
F-SCJA	*Scomber japonicus*	Chub Mackerel
F-SCMA	*Scorpaenichthys marmoratus*	Cabezon
F-SCMI	*Scopelogadus mizolepis*	Flabby Ridgehead
F-SEAI	*Sebastolobus altivelis*	Longspine Thornyhead
F-SEAL	*Sebastes aleutianus*	Rougheye Rockfish
F-SEAR	*Sebastes aurora*	Aurora Rockfish
F-SEAS	*Sebastolobus alascanus*	Shortspine Thornyhead
F-SEAT	*Sebastes alutus*	Pacific Ocean Perch
F-SEAU	*Sebastes auriculatus*	Brown Rockfish
F-SEBA	*Sebastes babcocki*	Redbanded Rockfish
F-SEBO	*Sebastes borealis*	Shortraker Rockfish
F-SEBR	*Sebastes brevispinis*	Silvergray Rockfish
F-SECA	*Sebastes caurinus*	Copper Rockfish
F-SECI	*Sebastes ciliatus*	Dusky Rockfish
F-SECR	*Sebastes crameri*	Darkblotch Rockfish
F-SEDI	*Sebastes diploprora*	Splitnose Rockfish
F-SEEL	*Sebastes elongatus*	Greenstripe Rockfish
F-SEEM	*Sebastes emphaeus*	Puget Sound Rockfish
F-SEEN	*Sebastes entomelas*	Widow Rockfish
F-SEFL	*Sebastes flavidus*	Yellowtail Rockfish
F-SEGO	*Sebastes goodei*	Chilipepper
F-SEHE	*Sebastes helvomaculatus*	Rosethorn Rockfish
F-SEJE	*Serrivomer jesperseni*	Crossthroat Sawpalate
F-SEJO	*Sebastes jordani*	Shortbelly Rockfish
F-SELA	*Seriola lalandi*	Yellowtail
F-SEMA	*Sebastes maliger*	Quillback Rockfish
F-SEME	*Sebastes melanops*	Black Rockfish
F-SEMI	*Sebastes miniatus*	Vermilion Rockfsih
F-SEMR	*Semotilus margarita*	Pearl Dace
F-SEMY	*Sebastes mystinus*	Blue Rockfish
F-SENE	*Sebastes nebulosus*	China Rockfish
F-SENI	*Sebastes nigrocinctus*	Tiger Rockfish

F-SEPA	*Sebastes paucispinis*	Bocaccio
F-SEPI	*Sebastes pinniger*	Canary Rockfish
F-SEPO	*Seriphus politus*	Queenfish
F-SEPR	*Sebastes proriger*	Redstripe Rockfish
F-SERE	*Sebastes reedi*	Yellowmouth Rockfish
F-SERU	*Sebastes ruberrimus*	Yelloweye Rockfish
F-SESA	*Sebastes saxicola*	Stripetail Rockfish
F-SEVA	*Sebastes variegatus*	Harlequin Rockfish
F-SEWI	*Sebastes wilsoni*	Pygmy Rockfish
F-SEZA	*Sebastes zacentrus*	Sharpchin Rockfish
F-SOPA	*Somniosus pacificus*	Pacific Sleeper Shark
F-SPAR	*Sphyraena argentea*	Pacific Barracuda
F-SPGR	*Spectrunculus grandis*	Giant Cuskeel
F-SPST	*Spirinchus starksi*	Night Smelt
F-SPTH	*Spirinchus thaleichthys*	Longfin Smelt
F-SQAC	*Squalus acanthias*	Spiny Dogfish
F-STLE	*Stenobrachius leucopsarus*	Northern Lanternfish
F-STLU	*Stenodus leucichthys*	Inconnu
F-STNA	*Stenobrachius nannochir*	Garnet Lanternfish
F-STPS	*Sternoptyx pseudobscura*	Highlight Hatchetfish
F-STPU	*Stichaeus punctatus*	Arctic Shanny
F-STVI	*Stizostedion vitreum*	Walleye
F-STXY	*Stellerina xyosterna*	Pricklebreast Poacher
F-SYCA	*Symbolophorus californiensis*	Bigfin Lanternfish
F-SYGI	*Synchirus gilli*	Manacled Sculpin
F-SYLE	*Syngnathus leptorhynchus*	Bay Pipefish
F-SYLU	*Synodus lucioceps*	Smallscale Lizardfish
F-TAAS	*Taractes asper*	Rough Pomfet
F-TABI	*Talismania bifurcata*	Threadfin Slickhead
F-TACR	*Tarletonbeania crenularis*	Southern Blue Lanternfish
F-TALY	*Taranetzella lyoderma*	Ghostly Eelpout
F-TAMA	*Tactostoma macropus*	Longfin Dragonfish
F-TATA	*Tarletonbeania taylori*	Northern Blue Lanternfish
F-TECU	*Tetragonurus cuvieri*	Smalleye Squaretail
F-THAL	*Thunnus alalunga*	Albacore
F-THAR	*Thymallus arcticus*	Arctic Grayling
F-THCH	*Theragra chalcogramma*	Walleye Pollock
F-THPA	*Thaleichthys pacificus*	Eulachon
F-THTH	*Thunnus thynnus*	Bluefin Tuna
F-TITI	*Tinca tinca*	Tench
F-TOCA	*Torpedo californica*	Pacific Electric Ray
F-TRAL	*Trachipterus altivelis*	King-of-the-salmon
F-TRMA	*Triglops macellus*	Roughspine Sculpin
F-TRPI	*Triglops pingeli*	Ribbed Sculpin
F-TRSY	*Trachurus symmetricus*	Jack Mackerel
F-TRTR	*Trichodon trichodon*	Pacific Sandfish
F-XEAT	*Xenomystax atrarius*	Twinpored Eel
F-XEFU	*Xererpes fucorum*	Rockweed Gunnel
F-XELA	*Xeneretmus latifrons*	Blacktip Poacher
F-XELE	*Xeneretmus leiops*	Cutfin Poacher
F-XETR	*Xeneretmus triacanthus*	Bluespotted Poacher
F-XIAT	*Xiphister atropurpureus*	Black Prickleback
F-XIGL	*Xiphias gladius*	Swordfish
F-XIMU	*Xiphister mucosus*	Rock Prickleback
F-ZALA	*Zaniolepis latipinnus*	Longspine Combfish
F-ZASI	*Zaprora silenus*	Prowfish
M-ALAL	*Alces alces*	Moose
M-ANPA	*Antrozous pallidus*	Pallid Bat

M-APRU	*Aplodontia rufa*	Mountain Beaver
M-BAAC	*Balaenoptera acutorostrata*	Minke Whale
M-BABO	*Balaenoptera borealis*	Sei Whale
M-BAGL	*Balaena glacialis*	Right Whale
M-BAMU	*Balaenoptera musculus*	Blue Whale
M-BAPH	*Balaenoptera physalus*	Fin Whale
M-BEBA	*Berardius bairdii*	North Pacific Bottle-nosed Whale
M-BIBI	*Bison bison*	Bison
M-CACA	*Castor canadensis*	Beaver
M-CALA	*Canis latrans*	Coyote
M-CALU	*Canis lupus*	Gray Wolf
M-CAUR	*Callorhinus ursinus*	Northern Fur Seal
M-CEDA	*Cervus dama*	Fallow Deer
M-CEEL	*Cervus elaphus*	Elk
M-CLGA	*Clethrionomys gapperi*	Southern Red-backed Vole
M-CLRU	*Clethrionomys rutilus*	Northern Red-backed Vole
M-DEDE	*Delphinus delphis*	Saddle-backed Dolphin
M-DIVI	*Didelphis virginiana*	North American Opossum
M-ENLU	*Enhydra lutris*	Sea Otter
M-EPFU	*Eptesicus fuscus*	Big Brown Bat
M-ERDO	*Erethizon dorsatum*	Porcupine
M-ESRO	*Eschrichtius robustus*	Gray Whale
M-EUJU	*Eumetopias jubatus*	Northern Sea Lion
M-EUMA	*Euderma maculatum*	Spotted Bat
M-FECO	*Felis concolor*	Cougar
M-GLMA	*Globicephala macrorhynchus*	Short-finned Pilot Whale
M-GLSA	*Glaucomys sabrinus*	Northern Flying Squirrel
M-GRGR	*Grampus griseus*	Risso's Dolphin
M-GUGU	*Gulo gulo*	Wolverine
M-HOSA	*Homo sapiens*	Man
M-KOSI	*Kogia simus*	Dwarf Sperm Whale
M-LABL	*Lasiurus blossevilli*	Southern Red Bat
M-LACI	*Lasiurus cinereus*	Hoary Bat
M-LANO	*Lasionycteris noctivagans*	Silver-haired Bat
M-LAOB	*Lagenorhynchus obliquidens*	Pacific White-sided Dolphin
M-LEAM	*Lepus americanus*	Snowshoe Hare
M-LESI	*Lemmus sibiricus*	Brown Lemming
M-LETO	*Lepus townsendii*	White-tailed Jackrabbit
M-LIBO	*Lissodelphis borealis*	Northern Right-whale Dolphin
M-LOCA	*Lontra canadensis*	River Otter
M-LYCA	*Lynx canadensis*	Lynx
M-LYRU	*Lynx rufus*	Bobcat
M-MAAM	*Martes americana*	Marten
M-MACA	*Marmota caligata*	Hoary Marmot
M-MAFL	*Marmota flaviventris*	Yellow-bellied Marmot
M-MAMO	*Marmota monax*	Woodchuck
M-MAPE	*Martes pennanti*	Fisher
M-MAVA	*Marmota vancouverensis*	Vancouver Island Marmot
M-MECA	*Mesoplodon carlhubbsi*	Arch-beaked Whale
M-MEME	*Mephitis mephitis*	Striped Skunk
M-MENO	*Megaptera novaeangliae*	Humpback Whale
M-MEST	*Mesoplodon stejnegeri*	Bering Sea Beaked Whale
M-MIAN	*Mirounga angustirostris*	Northern Elephant Seal
M-MILO	*Microtus longicaudus*	Long-tailed Vole
M-MIMO	*Microtus montanus*	Montane Vole
M-MIOE	*Microtus oeconomus*	Tundra Vole
M-MIOR	*Microtus oregoni*	Creeping Vole
M-MIPE	*Microtus pennsylvanicus*	Meadow Vole

M-MIRI	*Microtus richardsoni*	Water Vole
M-MITO	*Microtus townsendii*	Townsend's Vole
M-MUER	*Mustela erminea*	Ermine
M-MUFR	*Mustela frenata*	Long-tailed Weasel
M-MUMU	*Mus musculus*	House Mouse
M-MUNI	*Mustela nivalis*	Least Weasel
M-MUVI	*Mustela vison*	Mink
M-MYCA	*Myotis californicus*	California Myotis
M-MYCI	*Myotis ciliolabrum*	Western Small-footed Myotis
M-MYCO	*Myocastor coypus*	Nutria
M-MYEV	*Myotis evotis*	Western Long-eared Myotis
M-MYKE	*Myotis keenii*	Keen's Long-eared Myotis
M-MYLU	*Myotis lucifugus*	Little Brown Myotis
M-MYSE	*Myotis septentrionalis*	Northern Long-eared Myotis
M-MYTH	*Myotis thysanodes*	Fringed Myotis
M-MYVO	*Myotis volans*	Long-legged Myotis
M-MYYU	*Myotis yumanensis*	Yuma Myotis
M-NECI	*Neotoma cinerea*	Bushy-tailed Woodrat
M-NEGI	*Neurotrichus gibbsii*	Shrew-mole
M-NYMA	*Nyctinomops macrotis*	Big Free-tailed Bat
M-OCCO	*Ochotona collaris*	Collared Pika
M-OCPR	*Ochotona princeps*	Common Pika
M-ODHE	*Odocoileus hemionus*	Mule Deer
M-ODVI	*Odocoileus virginiana*	White-tailed Deer
M-ONZI	*Ondatra zibethicus*	Muskrat
M-ORAM	*Oreamnos americanus*	Mountain Goat
M-ORCU	*Oryctolagus cuniculus*	European Rabbit
M-OROR	*Orcinus orca*	Killer Whale
M-OVCA	*Ovis canadensis*	Bighorn Sheep
M-OVDA	*Ovis dalli*	Thinhorn Sheep
M-PEMA	*Peromyscus maniculatus*	Deer Mouse
M-PEOR	*Peromyscus oreas*	Columbian Mouse
M-PEPA	*Perognathus parvus*	Great Basin Pocket Mouse
M-PESI	*Peromyscus sitkensis*	Sitka Mouse
M-PHDA	*Phocoenoides dalli*	Dall's Porpoise
M-PHIN	*Phenacomys intermedius*	Heather Vole
M-PHMA	*Physeter macrocephalus*	Sperm Whale
M-PHPH	*Phocoena phocoena*	Harbor Porpoise
M-PHVI	*Phoca vitulina*	Harbor Seal
M-PLTO	*Plecotus townsendii*	Townsend's Big-eared Bat
M-PRLO	*Procyon lotor*	Raccoon
M-PSCR	*Pseudorca crassidens*	False Killer Whale
M-RANO	*Rattus norvegicus*	Norway Rat
M-RARA	*Rattus rattus*	Black Rat
M-RATA	*Rangifer tarandus*	Caribou
M-REME	*Reithrodontomys megalotis*	Western Harvest Mouse
M-SCCA	*Sciurus carolinensis*	Gray Squirrel
M-SCNI	*Sciurus niger*	Fox Squirrel
M-SCOR	*Scapanus orarius*	Coast Mole
M-SCTO	*Scapanus townsendii*	Townsend's Mole
M-SOAR	*Sorex arcticus*	Black-backed Shrew
M-SOBE	*Sorex bendirii*	Pacific Water Shrew
M-SOCI	*Sorex cinereus*	Common Shrew
M-SOHO	*Sorex hoyi*	Pygmy Shrew
M-SOMO	*Sorex monticolus*	Dusky Shrew
M-SOPA	*Sorex palustrus*	Water Shrew
M-SOTR	*Sorex trowbridgii*	Trowbridge's Shrew
M-SOTU	*Sorex tundrensis*	Tundra Shrew

M-SOVA	*Sorex vagrans*	Vagrant Shrew
M-SPCO	*Spermophilus columbianus*	Columbian Ground Squirrel
M-SPLA	*Spermophilus lateralis*	Golden-mantled Ground Squirrel
M-SPPA	*Spermophilus parryii*	Arctic Ground Squirrel
M-SPPU	*Spilogale putorius*	Spotted Skunk
M-SPSA	*Spermophilus saturatus*	Cascade Mantled Ground Squirrel
M-STCO	*Stenella coeruleoalba*	Striped Dolphin
M-SYBO	*Synaptomys borealis*	Northern Bog Lemming
M-SYFL	*Sylvilagus floridanus*	Eastern Cottontail
M-SYNU	*Sylvilagus nuttallii*	Nuttall's Cottontail
M-TAAM	*Tamias amoenus*	Yellow-pine Chipmunk
M-TADO	*Tamiasciurus douglasii*	Douglas' Squirrel
M-TAHU	*Tamiasciurus hudsonicus*	Red Squirrel
M-TAMI	*Tamias minimus*	Least Chipmunk
M-TARU	*Tamias ruficaudus*	Red-tailed Chipmunk
M-TATA	*Taxidea taxus*	Badger
M-TATO	*Tamias townsendii*	Townsend's Chipmunk
M-THTA	*Thomomys talpoides*	Northern Pocket Gopher
M-URAM	*Ursus americanus*	Black Bear
M-URAR	*Ursus arctos*	Grizzly Bear
M-VUVU	*Vulpes vulpes*	Red Fox
M-ZACA	*Zalophus californianus*	California Sea Lion
M-ZAHU	*Zapus hudsonius*	Meadow Jumping Mouse
M-ZAPR	*Zapus princeps*	Western Jumping Mouse
M-ZATR	*Zapus trinotatus*	Pacific Jumping Mouse
M-ZICA	*Ziphius cavirostris*	Goose-beaked Whale
R-CHBO	*Charina bottae*	Rubber Boa
R-CHMY	*Chelonia mydas*	Green Sea Turtle
R-CHPI	*Chrysemys picta*	Painted Turtle
R-CHRE	*Chineymys reevesii*	Reeves' Turtle
R-CHSE	*Chelydra serpentina*	Snapping Turtle
R-CLMA	*Clemmys marmorata*	Western Pond Turtle
R-COMO	*Coluber mormon*	Western Yellow-bellied Racer
R-COTE	*Contia tenuis*	Sharp-tailed Snake
R-CRVI	*Crotalus viridis*	Western Rattlesnake
R-DECO	*Dermochelys coriacea*	Leatherback Sea Turtle
R-EUSK	*Eumeces skiltonianus*	Western Skink
R-GECO	*Gerrhonotus coeruleus*	Northern Alligator Lizard
R-HYTO	*Hypsiglena torquata*	Night Snake
R-PHDO	*Phrynosoma douglassii*	Short-horned Lizard
R-PIME	*Pituophis melanoleucus*	Gopher Snake
R-SOSE	*Sonora semiannulata*	Ground Snake
R-THEL	*Thamnophis elegans*	Western Garter Snake
R-THOR	*Thamnophis ordinoides*	Northwestern Garter Snake
R-THSI	*Thamnophis sirtalis*	Common Garter Snake

DEVIATIONS FROM THE STANDARD SPECIES CODES

To avoid duplication of species codes within each of the five major vertebrate groups, some species codes do not follow the standard set of rules outlined in the Introduction. The following species have non-standard codes.

BIRDS

B-BBWG	Black-backed Wagtail	*Motacilla lugens*
B-BKSW	Bank Swallow	*Riparia riparia*
B-BPWA	Blackpoll Warbler	*Dendroica striata*
B-BTNW	Black-throated Green Warbler	*Dendroica virens*
B-GRHE	Green-backed Heron	*Butorides striatus*
B-HMGU	Heerman's Gull	*Larw heermanni*
B-LZBU	Lazuli Bunting	*Passerina amoena*
B-MGWA	MacGillivray's Warbler	*Oporornis tolmiei*
B-NOSL	Northern Shoveler	*Anas clypeata*
B-RNPL	Red-necked Phalarope	*Phalaropus fulicaria*
B-SAVS	Savannah Sparrow	*Passerculus sandwichensis*
B-SDSA	Spotted Sandpiper	*Actitis macularia*
B-SHSA	Sharp-tailed Sandpiper	*Calidris acuminata*
B-TRUS	Trumpeter Swan	*Cygnus buccinator*

FISH

F-BAIT	Sandpaper Skate	*Bathyraja interrupta*
F-BRMR	Pearly Prickleback	*Bryozoichthys marjorius*
F-CACM	White Sucker	*Catostomus commersoni*
F-CACT	Longnose Sucker	*Catostomus catostomus*
F-CAMC	Manefish	*Caristius macropus*
F-CUAM	Abyssal Grenadier	*Coryphaenoides armatus*
F-COCN	Shorthead Sculpin	*Cottus confusus*
F-COSR	Least Cisco	*Coregonus sandinella*
F-CYPL	Tan Bristlemouth	*Cyclothone pallida*
F-ICFM	Fringed Sculpin	*Icelinus fimbriatus*
F-LARCH	Brook Lamprey	*Lampetra richardsoni*
F-LYPC	Blackbelly Eelpout	*Lycodes pacificus*
F-LYPL	Wattled Eelpout	*Lycodes palearis*
F-LYPR	Stubraker Sculpin	*Lycodapus parviceps*
F-SASG	Pacific Sardine	*Sardinops sagax*
F-SEAI	Longspine Thornyhead	*Sebastolobus altivelis*
F-SEAR	Aurora Rockfish	*Sebastes aurora*
F-SEAS	Shortspine Thornyhead	*Sebastolobus alascanus*
F-SEAT	Pacific Ocean Perch	*Sebastes alutus*
F-SEMR	Pearl Dace	*Semotilus margarita*
F-STLU	Inconnu	*Stenodus leucichthys*

SELECTED DOMESTIC ANIMALS

BIRDS

Black Swan	*Cygnus atratus* (Latham)
Common Peafoul	*Pavo cristatus* Linnaeus
Golden Pheasant	*Chrysolophus pictus* (Linnaeus)
Graylag Goose	*Anser anser* (Linnaeus)
Muscovy Duck	*Cairina moschata* (Linnaeus)
Silver Pheasant	*Lophura nycthemera* (Linnaeus)

MAMMALS

Cat	*Felis silvestris* Scjreber
Cow	*Bos taurus* Linnaeus
Dog	*Canis familiaris* Linnaeus
Donkey	*Equus asinus* Linnaeus
Ferret	*Mustela furo* [20] Linnaeus
Gerbil	*Meriones unguiculatus* (Milne-Edwards)
Goat	*Capra hircus* Linnaeus
Guinea Pig	*Cavia porcellus* (Linnaeus)
Hampster	*Mesocricetus auratus* (Waterhouse)
Horse	*Equus caballus* Linnaeus
Laboratory Mouse	*Mus musculus* Linnaeus
Laboratory Rat	*Rattus norvegicus* (Berkenhout)
Pig	*Sus scrofa*[21] Linnaeus
Rabbit	*Oryctolagus cuniculus* (Linnaeus)
Sheep	*Ovis aries* Linnaeus

[20]Regarded as conspecific with the polecat (*M. putorius*) by some authorities.
[21]Includes the wild boar.

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